

Supplementary Information

Chemotaxonomic Insights into *Erythrina* and *Sophora* Alkaloids Using Self-Organizing Maps

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Table S1. List of *Erythrina* alkaloids used in the SOM analysis with their corresponding SMILES representations. Duplicate molecular are highlighted in red

Name of molecule	SMILE
11-Hydroxyerysotinine-rhamnoside	<chem>[H]C1C(O)C2=C(C=C(OC)C(=C2)C2(O)OC(C)C(O)C(O)C2O)[C@]23CC(C(C)=O)C(=O)C=C2CCN13</chem>
(3R)-16-O-β-D-Glucopyranosyl erysodine N-oxide	<chem>COC1=C(O)C=CC([C@H](O)[C@H](CC2=CC=C(O)C=C2)ON[C@@H](CC(C(O)=O)C=O)=C1OC</chem>
10, 11-Dioxo-6,7α-erythraline epoxide	<chem>CO[C@@H]1C[C@]23N(C[C@@H]4O[C@]24C=C1)C(=O)C(=O)C1=CC2=C(OCO2)C=C31</chem>
10,11-Dioxoerythraline	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)C1=O)C(=CC2)C=C[C@H](OC)C3</chem>
10,11-Dioxoepierythratidine	<chem>[H]C1CN2C(=O)C(=O)C3=C(C=C(OC)C(OC)=C3)C22CC(OC)[C@H](O)C=C12</chem>
10,11-Dioxoepierythratidine	<chem>CO[C@@H]1C[C@]23N(CCC2=C[C@H]1O)C(=O)C(=O)C1=C3C=C(OC)C(OC)=C1</chem>
10,11-Dioxoerysotramidine	<chem>COC1CC23N(C(=O)C=C2C=C1)C(=O)C(=O)C1=C3C=C(OC)C(OC)=C1</chem>
10,11-Dioxoerysotrine	<chem>O=C1N2[C@]3(C=4C(C1=O)=CC(OC)=C(OC)C4)C(=CC2)C=C[C@H](OC)C3</chem>
10,11-Dioxoerythraline	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)C1=O)C(=CC2)C=C[C@H](OC)C3</chem>
10,11-Dioxoerythraline	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)C1=O)C(=CC2)C=C[C@H](OC)C3</chem>
10,11-Dioxoerythratidinone	<chem>COC1CC23N(CCC2=CC1=O)C(=O)C(=O)C1=C3C=C(OC)C(OC)=C1</chem>
10,11-Dioxoerythratine	<chem>COC1CC23N(CCC2=C[C@H]1O)C(=O)C(=O)C1=C3C=C2OCOC2=C1</chem>
10-Hydroxy-11-erysotramidine	<chem>[H]C1[C@@H](O)N2C(=O)C=C3C=C[C@H](C[C@]23C2=C1C=C(OC)C(OC)=C2)OC</chem>
10-Hydroxy-11-oxoerysotrine	<chem>O=C1N2[C@]3(C=4C([C@H]1O)=CC(OC)=C(OC)C4)C(=CC2)C=C[C@H](OC)C3</chem>
10-Hydroxy-erythratine	<chem>[H]C1CN2C(O)C([H])C3=C(C=C4OCOC4=C3)[C@@]22C[C@@H](OC)[C@H](O)C=C12</chem>
10-Oxoerythraline	<chem>CO[C@@H]1C[C@]23N(CC=C2C=C1)CC(=O)C1=CC(OC)=C(OC)C=C31</chem>
10-Oxoerythrine	<chem>COC1CC23N(CC=C2C=C1)C(=O)[C@H](O)C1=C3C=C2OCOC2=C1</chem>
11-a-Hydroxyerysodine	<chem>COC1CC23N(CC=C2C=C1)C[C@@H](O)C1=C3C=C(OC)C(O)=C1</chem>
11-a-Hydroxyerysotrine	<chem>COC1CC23N(CC=C2C=C1)C[C@@H](O)C1=C3C=C(OC)C(OC)=C1</chem>
11-a-Hydroxyerysotrine-N-oxide	<chem>COC1CC23C(=CC[N+](=O)C[C@H](O)C2=C3C=C(OC)C(O)=C2)C=C1</chem>
11-a-Hydroxyerythravine	<chem>COC1=CC2=C(C=C1OC)C13CC(O)C=CC1=CCN3C[C@H]2O</chem>
11-alfa-Hydroxyerysodine	<chem>[H]C1[C@@H](O)C2=C(C=C(OC)C(O)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
11-alfa-Hydroxyerysotrine	<chem>[H]C1[C@@H](O)C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>

11-alfa-Hydroxyerythravine	<chem>[H]C1[C@@H](O)C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](O)C=CC2=CC([H])([H])N13</chem>
11-a-Methoxyerysotramidine	<chem>COC1CC23N(C[C@@H](OC)C4=C2C=C(OC)C(OC)=C4)C(=O)C=C3C=C1</chem>
11-beta-Hydroxyerysodine-glucose	<chem>[H]C1[C@H](O)C2=C(C=C(OC)C(OC)=O)[C@@H](N)CCC(O)=O=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
11-beta-Hydroxyerysotramidine	<chem>[H]C1[C@H](O)C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](OC)C=CC2=CC(=O)N13</chem>
11-beta-Hydroxyerysotrine	<chem>[H]C1[C@H](O)C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
11-b-Hydroxyerysodine	<chem>COC1CC23N(CC=C2C=C1)C[C@H](O)C1=C3C=C(OC)C(O)=C1</chem>
11-b-Hydroxyerysotramidine	<chem>COC1CC23N(C[C@H](O)C4=C2C=C(OC)C(OC)=C4)C(=O)C=C3C=C1</chem>
11-b-Hydroxyerysovine	<chem>COC1CC23N(CC=C2C=C1)C[C@H](O)C1=C3C=C(O)C(OC)=C1</chem>
11-b-Hydroxyerythratidine N-oxide	<chem>CO[C@@H]1CC23N(CCC2=C[C@@H]1O)C[C@H](O)C1=C3C=C(OC)C(O)C=C1</chem>
11-b-Methoxy-glucoerysodine	<chem>COC1C[C@]23N(CC=C2C=C1)C[C@H](OC)C1=C3C=C(OC)C(OC2OC(CO)C(O)C(O)C2O)=C1</chem>
11-b-Methoxy-10-oxoerysotramidine	<chem>[H]C1(OC)C(=O)N2C(=O)C=C3C=CC(CC23C2=C1C=C(OC)C(OC)=C2)OC</chem>
11-b-Methoxyerysodine	<chem>COC1CC23N(CC=C2C=C1)C[C@H](OC)C1=C3C=C(OC)C(O)=C1</chem>
11-b-Methoxyerysotramidine	<chem>COC1CC23N(C[C@H](OC)C4=C2C=C(OC)C(OC)=C4)C(=O)C=C3C=C1</chem>
11-b-Methoxyerysovine	<chem>COC1CC23N(CC=C2C=C1)C[C@H](OC)C1=C3C=C(O)C(OC)=C1</chem>
11-b-Methoxyerythraline	<chem>[H]C1[C@H](OC)C2=C(C=C3OCOC3=C2)C23CC(OC)C=CC2=CCN13</chem>
11-b-Methoxyerythraline-N-oxide	<chem>COC1CC23C(=CC[N+](=O)[O-])C[C@H](OC)C2=C3C=C3OCOC3=C2)C=C1</chem>
11-b-Methoxyglucoerysovine	<chem>COC1C[C@]23N(CC=C2C=C1)C[C@H](OC)C1=C3C=C(OC2OC(CO)C(O)C(O)C2O)C(OC)=C1</chem>
11-Ethoxy-18,19-dimethoxy-5,7-dioxo-13-azapentacyclo[11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4(8),9,11,15,17-Hexaen-14-one	
11-hydroxy-7-methoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -Indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-2-one	<chem>CO[N+]12CCC3CCC(=O)CC13C1=C(CC(O)C=C1)C=C2</chem>
11-Hydroxy-8-methoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-2-one	<chem>COC1=CC2=C(C=CC(O)C2)C23CC(=O)CCC2CCN13</chem>
11-Hydroxyepierythratidine	<chem>O(C)[C@@H]1C[C@]23C=4C(C(O)CN2CCC3=C[C@H]1O)=CC(OC)=C(O)C)C4</chem>
11-Hydroxyepierythratine	<chem>[H][C@]1(O)C=C2CCN3CC(O)C4=C(C=C5OCOC5=C4)C23CC1OC</chem>
11-Hydroxyerysodineglucuronicacid	<chem>[H]OC1CN2CC=C3C=CC(CC23C2=C1C=C(OC)C(OC)=C2)OC(=O)CC[C@H](N)C=O</chem>
11-Hydroxyerysosaltine	<chem>[H][C@@]1(O)C=C2CCN3CC(O)C4=C(C=C(O)C(OC)=C4)C23CC1OC</chem>
11-Hydroxyerysotine	<chem>[H][C@@]1(O)C=C2CCN3CC(O)C4=C(C=C(OC)C(O)=C4)C23CC1OC</chem>
11-Hydroxyerysotinone	<chem>O(C)[C@@H]1C[C@]23C=4C(C(O)CN2CCC3=CC1=O)=CC(O)=C(OC)C4</chem>

11-Hydroxyerythratidine	<chem>O(C)[C@@H]1C[C@]23C=4C(C(O)CN2CCC3=C[C@@H]1O)=CC(OC)=C(OC)C4</chem>
11-Hydroxyerythratidinone	<chem>[H]C1C(O)C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](OC)C(=O)C=C2CN13</chem>
11-Hydroxyerythratine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)C(O)CN2CCC3=C[C@H]1O</chem>
11-Methoxy-5-oxo-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>]isoquinoline-7-carboxylic acid	<chem>COC1CC2=C(C=C1)C13CCCCC1C(=O)C[N+](C=C2)C(O)=O</chem>
11-Methoxyerysodine	<chem>[H]C1C2C([H])([H])C=C3C=C[C@@H](C[C@]23C2=C(C=C(O)C(OC)=C2)C1OC)OC</chem>
11-Methoxyerysopine	<chem>COC1CC23N(CC=C2C=C1)C[C@H](OC)C1=C3C=C(O)C(O)=C1</chem>
11-Methoxyerythratidine	<chem>O(C)[C@@H]1C[C@]23C=4C(C(OC)CN2CCC3=C[C@@H]1O)=CC(OC)=C(OC)C4</chem>
11-Methoxyerythratine	<chem>COC1CC23N(CCC2=C[C@H]1O)C[C@H](OC)C1=C3C=C2OCOC2=C1</chem>
11-O- β -Glucoerythraline	<chem>COC1CC23N(CC=C2C=C1)C[C@H](OC1OC(CO)C(O)C1O)C1=C3C=C2OCOC2=C1</chem>
11-Oxoerysodine	<chem>O(C)[C@@H]1C[C@]23C=4C(C(=O)CN2CC=C3C=C1)=CC(O)=C(OC)C4</chem>
11-Oxoerysopine	<chem>O(C)[C@@H]1C[C@]23C=4C(C(=O)CN2CC=C3C=C1)=CC(O)=C(O)C4</chem>
11-Oxoerysovine	<chem>O(C)[C@@H]1C[C@]23C=4C(C(=O)CN2CC=C3C=C1)=CC(OC)=C(O)C4</chem>
11 α -Hydroxyerysotrine N-oxide	<chem>CO[C@@H]1C[C@@]23C(=CC[N+](O-))C=C(O)C2=C3C=C(OC)C(OC)=C2)C=C1</chem>
11 β -Hydroxyerysotrine N-oxide	<chem>CO[C@@H]1C[C@@]23C(=CC[N+](O-))C=C(O)C2=C3C=C(OC)C(OC)=C2)C=C1</chem>
11 β -Methoxy-10-oxoerysotramidine	<chem>CO[C@@H]1C[C@]23N(C(=O)C=C2C=C1)C(=O)[C@@H](OC)C1=C3C=C(OC)C(OC)=C1</chem>
11 β -Methoxy-8-oxoerythraline	<chem>CO[C@@H]1C[C@@]23N(C[C@H](OC)C4=CC5=C(OCO5)C=C24)C(=O)C=C3C=C1</chem>
11 β -Methoxyerysotramidine	<chem>[H]C1[C@@H](OC)C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](OC)C=C2=CC(=O)N13</chem>
11 β -Methoxyerysotrine N-oxide	<chem>CO[C@@H]1C[C@@]23C(=CC[N+](O-))C=C(OC)C2=C3C=C(OC)C(OC)=C2)C=C1</chem>
11 β -Methoxyerythraline	<chem>[H]C1([H])C=C2C=C[C@@H](C[C@]22N1C[C@H](OC)C1=CC3=C(OCO3)C=C21)OC</chem>
11 β -Methoxyerythraline N-oxide	<chem>CO[C@@H]1C[C@@]23C(=CC[N+](O-))C[C@H](OC)C2=CC4=C(OCO4)C=C32)C=C1</chem>
11 β -Methoxyglucoerysodine	<chem>[H]C1[C@@H](OC)C2=C(C=C(OC)C(OC(=O)[C@@H](N)CCC(O)=O)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
11 β -Methoxyglucoerysovine	<chem>[H]C1[C@@H](OC)C2=C(C=C(OC(=O)CC[C@H](N)C=O)C(OC)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
15- β -Glucoerysopine	<chem>[H]C1C([H])C2=C(C=C(OC(=O)[C@@H](N)CCC(O)=O)C(O)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])C13</chem>

15-O-b-Glucoerysopine	<chem>[H]OC1=CC2=C(C=C1OC(=O)[C@@H](N)CCC(O)=O)[C@]13C[C@@H](OC)C=CC1=CCN3CC2</chem>
16-beta-D-Glucoerysopine	<chem>[H]C1C([H])C2=C(C=C(O)C(OC(=O)[C@@H](N)CCC(O)=O)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
16-O-beta-Glucopyranosylcoccoline	<chem>[H]C1C([H])C2=C(C=C(OC)C(OC(=O)[C@@H](N)CCC(O)=O)=C2)[C@]23C[C@@H](OC)C=CC2=CC(=O)N13</chem>
16-O-b-Glucococcoline	<chem>COC1CC23N(CCC4=C2C=C(OC)C(OC2OC(CO)C(O)C(O)C2O)=C4)C(=O)C=C3C=C1</chem>
16-O-β-D-Glucopyranosyl coccoline	<chem>CO[C@@H]1C[C@@]23N(CCC4=CC(OC(=O)[C@@H](N)CCC(O)=O)=C(OC)C=C24)C(=O)C=C3C=C1</chem>
18-Hydroxy-11,19-dimethoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]Icosa-2,4 (8),9,15,17-pentaen-14-one	<chem>COC1CC23N(CC(OC)C4=C2C=C2OCOC2=C4)C(=O)C=C3C=C1O</chem>
18-Hydroxy-19-methoxy-14-oxo-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,11,15,17-hexaen-11-yl acetate	<chem>COC1CC23N(C=C(OC(C)=O)C4=CC5=C(OCO5)C=C24)C(=O)C=C3C=C1O</chem>
19-Methoxy-14-oxo-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,11,15,17-hexaen-11-yl acetate	<chem>COC1CC23N(C=C(OC=O)C4=CC5=C(OCO5)C=C24)C(=O)C=C3C=C1O</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,15-Tetraen-11-ol	<chem>COC1CC23N(CC=C2C=C1)CC(O)C1=CC2=C(OCO2)C=C31</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,15-tetraen-18-ol	<chem>COC1CC23N(CC=C2C=C1O)CCC1=CC2=C(OCO2)C=C31</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,16-tetraen-14-one	<chem>COC1CC=C2CC(=O)N3CCC4=CC5=C(OCO5)C=C4C23C1</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,16-tetraen-18-one	<chem>CO[C@@H]1C[C@]23N(CCC2=CC1=O)CCC1=C3C=C2OCOC2=C1</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,16-tetraene-11,18-diol	<chem>COC1CC=C2CCN3CC(O)C4=CC5=C(OCO5)C=C4C23C1</chem>

19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,17-tetraen-11-ol	<chem>COC1CC23C(CCN2CC(O)C2=CC(O)=C(O)C=C32)C=C1</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2 (10),3,8,14,16-pentaen-18-one	<chem>COC1CC23N(CCC4=C2C=C2OCOC2=C4)C=CC3=CC1=O</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,15,17-pentaen-11-one	<chem>COC1CC23N(CC=C2C=C1)CC(=O)C1=C3C=C2OCOC2=C1</chem>
19-Methoxy-5,7-dioxa-13-azapentacyclo [11.7.0.01,1 ⁶ .02,1 ⁰ .0 ⁴ , ⁸]icosa-2,4 (8),9,15,17-pentaen-14-one	<chem>CO[C@@H]1C[C@@]23N(CCC4=CC5=C(OCO5)C=C24)C(=O)C=C3C=C1</chem>
1 <i>H</i> -Indole-3-propanamide	<chem>COC(CC1=CNC2=C1C=CC=C2)C(=O)N(C)C</chem>
1 <i>H</i> -Indole-3-propanamide	<chem>COC(CC1=CNC2=C1C=CC=C2)C(=O)N(C)C</chem>
2-({11,12-Dihydroxy-5,8-dimethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> - indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-7-yl}oxy)-6-(hydroxymethyl)oxane- 3,4,5-triol	<chem>COC1C[N+](OC3OC(CO)C(O)C(O)C3O)C(OC)=CC3=C(C=C(O)C(O)C3)C22CCCCC12</chem>
2-({5,12-Dihydroxy-7,11-dimethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> - indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-8-yl}oxy)-6-(hydroxymethyl)oxane- 3,4,5-triol	<chem>COC1OC(OC2=CC3=C(C=C(O)C(C3)OC)C34CCCCC3C(O)C[N+](24OC)C(O)C(O)C1O</chem>
2-({5,12-Dihydroxy-8,11-dimethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> - indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-7-yl}oxy)-6-(hydroxymethyl)oxane- 3,4,5-triol	<chem>COC1CC2=C(C=C1O)C13CCCCC1C(O)C[N+](3(OC1OC(CO)C(O)C(O)C1O)C(OC)=C2</chem>
2-({5,7-Dihydroxy-11-methoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> - indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-8-yl}oxy)-6-(hydroxymethyl)oxane- 3,4,5-triol	<chem>COC1CC2C=C(OC3OC(CO)C(O)C(O)C3O)[N+](3(O)CC(O)C4CCCCC34C2C=C1</chem>
2-({5,7-Dihydroxy-8-methoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> - indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-11-yl}oxy)-6-(hydroxymethyl) oxane-3,4,5-triol	<chem>COC1=CC2CC(OC3OC(CO)C(O)C(O)C3O)C=CC2C23CCCCC2C(O)C[N+](13O</chem>
2-({5,8-Dihydroxy-11-methoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> - indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-7-yl}oxy)-6-(hydroxymethyl)oxane- 3,4,5-triol	<chem>COC1CC2C=C(O)[N+](3(CC(O)C4CCCCC34C2C=C1)OC1OC(CO)C(O)C(O)C1O</chem>

2-({5,8-Dihydroxy-7-methoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> - indolo [7a,1- <i>a</i>]isoquinolin-11-yl}oxy)-6-(hydroxymethyl) oxane-3,4,5-triol	<chem>COC1OC(OC2CC3C=C(O)[N+]4(CC(O)C5CCCCC45C3C=C2)OC)C(O)C(O)C1O</chem>
2-({5-Hydroxy-8,11-dimethoxy-4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> -indolo [7a,1- <i>a</i>]isoquinolin-7-yl}oxy)-6-(hydroxymethyl)oxane-3,4,5- triol	<chem>COC1CC2C=C(OC)[N+]3(CC(O)C4CC=CCC34C2C=C1)OC1OC(CO)C(O)C(O)C1O</chem>
2-({7-Hydroxy-5,11-dimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> - indolo [7a,1- <i>a</i>]isoquinolin-8-yl}oxy)-6-(hydroxymethyl)oxane- 3,4,5-triol	<chem>COC1CC=C2CCN3CC(OC)C4=CC(O)=C(OC5OC(CO)C(O)C(O)C5O)C=C4C23C1</chem>
2-(Hydroxymethyl)-6-({7,8,11-trimethoxy- 2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7a,1- <i>a</i>]isoquinolin-5-yl}oxy) oxane-3,4,5-triol	<chem>COC1CC2=C(C=C1)C13CCCCC1C(C[N+]3(OC)C(OC)=C2)OC1OC(CO)C(O)C(O)C1O</chem>
3-Demethoxyerythratinone	<chem>O(C)C=1C=C2[C@]34C(CCN3CCC2=CC1OC)=CC(=O)CC4</chem>
5,7,8,10-Tetramethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7a,1- <i>a</i>]isoquinolin-2-one	<chem>COC1C[N+]2(OC)C(OC)=CC3=C(C=CCC3OC)C22CC(=O)CCC12</chem>
5,7,8-Trimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7a,1- <i>a</i>] isoquinoline-11,12-diol	<chem>COC1C[N+]2(OC)C(OC)=CC3=C(CC(O)C(O)C3)C22CCCCC12</chem>
5,7-Dihydroxy-8,11-dimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> - indolo [7a,1- <i>a</i>]isoquinolin-12-one (11-hydroxyerysotinone)	<chem>COC1CC2=C(CC1=O)C13CCCCC1C(O)C[N+]3(O)C(OC)=C2</chem>
5,8-Dihydroxy-7,11-dimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> - indolo [7a,1- <i>a</i>]isoquinolin-12-one (11-hydroxyerysosalvinone)	<chem>COC1CC2=C(CC1=O)C13CCCCC1C(O)C[N+]3(OC)C(O)=C2</chem>
6- <i>O</i> -b-Glucoerysopine	<chem>CO[C@@H]1C[C@]23N(CC=C2C=C1)CCC1=C3C=C(O)C(ON[C@@H](C(CO)=O)C=O)=C1</chem>
7,11,12-Trimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7a,1- <i>a</i>]isoquinolin-8-ol	<chem>COC1CC23N(CCC2=CC1OC)CCC1=CC(OC)=C(O)C=C31</chem>
7,11-Dimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> -indolo [7a,1- <i>a</i>] isoquinoline-5,8-diol	<chem>COC1CC23C(CCN2CC(O)C2=CC(OC)=C(O)C=C32)C=C1</chem>
7,11-Dimethoxy-2 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7a,1- <i>a</i>]isoquinolin-2-one	<chem>COC1CC2=C(C=C1)C13CC(=O)CC=C1C=C[N+]3(OC)C=C2</chem>

7,11-Dimethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinolin-2-one	<chem>COC1CC2=C(C=C1)C13CC(=O)CCC1CC[N+]3(OC)C=C2</chem>
7,11-Dimethoxy-4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinoline-5,8-diol (11-hydroxyerysovin (alpha or beta))	<chem>COC1CC23N(CC=C2C=C1)CC(O)C1=CC(OC)=C(O)C=C31</chem>
7,8,11,12-Tetramethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinolin-5-one	<chem>COC1CC2=C(C=C1OC)C13CCCCC1C(=O)C[N+]3(OC)C(OC)=C2</chem>
7,8,11-Trimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinolin-12-ol (erythratidine)	<chem>CO[C@@H]1C[C@]23N(CCC2=C[C@@H]1O)CCC1=C3C=C(OC)C(OC)=C1</chem>
7,8,11-Trimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinoline-5,12-diol (11-hydroxyerythratidine or 11-hydroxyerythratidine)	<chem>COC1CC2=C(CC1O)C13CCCCC1C(O)C[N+]3(OC)C(OC)=C2</chem>
7,8,11-Trimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinolin-12-ol	<chem>COC1=CC2=C(CC1O)C13CCCCC1CC[N+]3(OC)C(OC)=C2</chem>
7,8,11-Trimethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinoline-4,5-dione (10,11-dioxoerysotrine)	<chem>COC1CC23N(CC=[c]2cc1)C(=O)C(=O)C1=CC(OC)=C(OC)C=C31</chem>
7,8,11-Trimethoxy-4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinoline-5,12-dione	<chem>COC1CC23N(CC(=O)C4=CC(OC)=C(OC)C=C24)C=CC3=CC1=O</chem>
7,8,12-Trimethoxy-10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> ,13 <i>H</i> ,13 <i>aH</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinolin-11-ol	<chem>COC1CC2C(CC1O)C=C(OC)[N+]1(OC)C=CC3=CC=CCC213</chem>
7,8,12-Trimethoxy-1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinoline-5,11-diol	<chem>COC1CC2=C(CC1O)C=C(OC)[N+]1(CC(O)C3CCCCC213)OC</chem>
7,8-Dihydroxy-11-methoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-5-one	<chem>COC1CC2=C(C=C1)C13CCCCC1C(=O)C[N+]3(O)C(O)=C2</chem>
7,8-Dihydroxy-11-methoxy-4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-12-one	<chem>COC1CC2=C(CC1=O)C13CC=CCC1CC[N+]3(O)C(O)=C2</chem>
7-Hydroxy-8,11-dimethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-5-one	<chem>COC1CC2=C(C=C1)C13CCCCC1C(=O)C[N+]3(O)C(OC)=C2</chem>

8,11,12-Trimethoxy- 1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-7-ol	<chem>COC1CC23N(CCC2=CC1OC)CCC1=CC(O)=C(OC)C=C31</chem>
8,11-Dimethoxy- 1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,12 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinolin-12-one	<chem>COC1CC2=C(CC1=O)C13CCCCC1CCN3C(OC)=C2</chem>
8,11-Dimethoxy- 1 <i>H</i> ,2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> ,13 <i>aH</i> -indolo [7 <i>a</i> ,1- <i>a</i>] isoquinoline-5,7-diol	<chem>COC1CC2C=C(OC)[N+](O)CC(O)C4CCCCC34C2C=C1</chem>
8,11-Dimethoxy-2 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> -indolo [7 <i>a</i> ,1- <i>a</i>]isoquinolin-2-one	<chem>COC1CC2=C(C=C1)C13CC(=O)CC=C1C=CN3C(OC)=C2</chem>
8,11-Dimethoxy-2 <i>H</i> ,4 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> ,11 <i>H</i> - indolo [7 <i>a</i> ,1- <i>a</i>] isoquinolin-2-one	<chem>COC1CC=C2CC(=O)N3CCC4=CC=C(OC)C=C4C23C1</chem>
8-Oxo-11- <i>b</i> -methoxyerythraline	<chem>COC1CC23N(C[C@H](OC)C4=C2C=C2OCOC2=C4)C(=O)C=C3C=C1</chem>
8-Oxo- <i>a</i> -erythroidine	<chem>CO[C@@H]1CC23N(CCC4COC(=O)C=C24)C(=O)C=C3C=C1</chem>
8-Oxo- <i>a</i> -erythroidine epoxide	<chem>COC1CC23N(CCC4COC(=O)C=C24)C(=O)C=C3C2OC12</chem>
8-oxo- <i>alfa</i> -erythroidine	<chem>CO[C@@H]1C[C@@]23N(CCC4COC(=O)C=C24)C(=O)C=C3C=C1</chem>
8-oxo- <i>alfa</i> -erythroidineepoxide	<chem>CO[C@@H]1C[C@@]23N(CCC4COC(=O)C=C24)C(=O)C=C3[C@@H]2O[C@H]12</chem>
8-Oxo- <i>b</i> -erythroidine	<chem>CO[C@@H]1CC23N(CCC4=C2CC(=O)OC4)C(=O)C=C3C=C1</chem>
8-oxo- <i>beta</i> -erythroidine	<chem>CO[C@@H]1C[C@@]23N(CCC4=C2CC(=O)OC4)C(=O)C=C3C=C1</chem>
8-Oxoerysodine	<chem>[H]C1CN2C(=O)C=C3C=CC(CC23C2=C1C=C(O)C(OC)=C2)OC</chem>
8-Oxoerythraline	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)CC2)C(=C1)C=C[C@H](OC)C3</chem>
8-Oxoerythraline	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)CC2)C(=C1)C=C[C@H](OC)C3</chem>
8-Oxoerythraline	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)CC2)C(=C1)C=C[C@H](OC)C3</chem>
8-Oxoerythraline	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)CC2)C(=C1)C=C[C@H](OC)C3</chem>
8-Oxoerythraline epoxide	<chem>O=C1N2[C@@]3(C([C@]4([C@@]([C@H](OC)C3)(O4)[H])[H])=C1)C=5C(=CC6=C(C5)OCO6)CC2</chem>
8-Oxoerythraline epoxide	<chem>O=C1N2[C@@]3(C([C@]4([C@@]([C@H](OC)C3)(O4)[H])[H])=C1)C=5C(=CC6=C(C5)OCO6)CC2</chem>
8-Oxoerythrinine	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)[C@@H](O)C2)C(=C1)C=C[C@H](OC)C3</chem>
8-Oxoerythrinine	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)[C@@H](O)C2)C(=C1)C=C[C@H](OC)C3</chem>
8-Oxoerythrinine	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)[C@@H](O)C2)C(=C1)C=C[C@H](OC)C3</chem>
8 <i>α</i> -(2-Oxopropyl)-11'- <i>epi</i> - <i>O</i> -methyl- erythrivarine A	<chem>[H][C@]1(C=C2C=C[C@@H](CC22N1C[C@@H](OC)C1=CC3=C(OCO3)C=C21)OC)C1=C2C=C[C@H](CC22N(C[C@H](O)C3=CC4=C(OCO4)C=C23)[C@@H]1CC(C)=O)OC</chem>
8 <i>α</i> -(2-Oxopropyl)-11'- <i>O</i> -methyl- erythrivarine A	<chem>[H][C@]1(C=C2C=C[C@@H](CC22N1C[C@@H](OC)C1=CC3=C(OCO3)C=C21)OC)C1=C2C=C[C@@H](CC22N(C[C@H](O)C3=CC4=C(OCO4)C=C23)[C@@H]1CC(C)=O)OC</chem>

8 α -(2-Oxopropyl)-11-methoxy-erythraline	<chem>CO[C@@H]1CC23N(C[C@H](OC)C4=CC5=C(OCO5)C=C24)[C@H](CC(C)=O)C=C3C=C1</chem>
8 α -(2-Oxopropyl)-erythraline	<chem>[H]C1CN2[C@H](CC(C)=O)C=C3C=C[C@@H](CC23C2=CC3=C(OCO3)C=C12)OC</chem>
8 α -(2-Oxopropyl)-erythrinine	<chem>CO[C@@H]1CC23N(C[C@H](O)C4=CC5=C(OCO5)C=C24)[C@H](CC(C)=O)C=C3C=C1</chem>
8 α -(2-Oxopropyl)-erythrivarine A	<chem>[H][C@]1(C=C2C=C[C@@H](CC22N1C[C@H](O)C1=CC3=C(OCO3)C=C21)OC)C1=C2C=C[C@@H](CC22N(C[C@H](O)C3=CC4=C(OCO4)C=C23)[C@@H]1CC(C)=O)OC</chem>
8 α -Acetatemethoxy-11 β -methoxyerythraline	<chem>CO[C@@H]1CC23N(C[C@H](OC)C4=CC5=C(OCO5)C=C24)[C@H](CC(=O)OC)C=C3C=C1</chem>
8 α -Acetatemethoxyerysotrine	<chem>[H]C1CN2[C@H](CC(=O)OC)C=C3C=C[C@@H](CC23C2=CC(OC)=C(OC)C=C12)OC</chem>
8 α -Acetatemethoxyerythraline	<chem>[H]C1CN2[C@H](CC(=O)OC)C=C3C=C[C@@H](CC23C2=CC3=C(OCO3)C=C12)OC</chem>
8 α -Acetatemethoxyerythrinine	<chem>CO[C@@H]1CC23N(C[C@H](O)C4=CC5=C(OCO5)C=C24)[C@H](CC(=O)OC)C=C3C=C1</chem>
8 α -Acetylerythraline	<chem>CO[C@@H]1CC23N(CCC4=CC5=C(OCO5)C=C24)[C@H](CC(=O)OC)C=C3C=C1</chem>
8 α -Acetylerytsotrine	<chem>CO[C@@H]1CC23N(CCC4=CC(OC)=C(OC)C=C24)[C@H](CC(=O)OC)C=C3C=C1</chem>
8 α -Carbomethoxyerysotrine	<chem>[H]C1CN2[C@@H](C=C3C=C[C@@H](CC23C2=CC(OC)=C(OC)C=C12)OC)C(=O)OC</chem>
8 α -Carbomethoxyerythrinine	<chem>CO[C@@H]1CC23N(C[C@H](O)C4=CC5=C(OCO5)C=C24)[C@@H](C=C3C=C1)C(=O)OC</chem>
Abrine	<chem>C([C@@H](C(O)=O)NC)C=1C=2C(NC1)=CC=CC2</chem>
Abrine	<chem>C([C@@H](C(O)=O)NC)C=1C=2C(NC1)=CC=CC2</chem>
a-Erythroidine	<chem>CO[C@@H]1CC23N(CC=C2C=C1)CCC1COC(=O)C=C31</chem>
Albomaculine	<chem>[H][C@@]12N(C)CCC1=CC[C@@]1([H])OC(=O)C3=C(C=C(OC)C(OC)=C3OC)[C@@]21[H]</chem>
alfa-erythroidine	<chem>[H]C1([H])C=C2C=C[C@@H](C[C@]22N1CCC1COC(=O)C=C21)OC</chem>
b-Erythroidine	<chem>CO[C@@H]1CC23N(CC=C2C=C1)CCC1=C3CC(=O)OC1</chem>
beta-Eerythroidine	<chem>[H]C1([H])C=C2C=C[C@@H](C[C@]22N1CCC1=C2CC(=O)OC1)OC</chem>
b-Glucoerysodine	<chem>[H]C1CN2CC=C3C=CC(C[C@]23C2=C1C=C(OC1OC(CO)C(O)C(O)C1O)C(OC)=C2)OC</chem>
Coreximine	<chem>OC=1C=C2[C@]3(N(CC=4C(C3)=CC(O)=C(OC)C4)CCC2=CC1OC)[H]</chem>
Coreximine	<chem>OC=1C=C2[C@]3(N(CC=4C(C3)=CC(O)=C(OC)C4)CCC2=CC1OC)[H]</chem>
Cristadine	<chem>OC1=CC=C(C=C1OC)CC2=NC=CC=3C=C(OC)C(O)=CC32</chem>
Cristanine	<chem>CO[C@@H]1C[C@@]23C(=CC[N+]2([O-])C=C2=C3C=C3OCOC3=C2)C=C1</chem>
Cristanine A	<chem>O=N12[C@]3(C=4C(=CC5=C(C4)OCO5)CC1)C(=CC2)C=C[C@H](OC)C3</chem>
Cristanine A	<chem>O=N12[C@]3(C=4C(=CC5=C(C4)OCO5)CC1)C(=CC2)C=C[C@H](OC)C3</chem>

Cristanine B	<chem>[H]C1C([H])C2=C(C=C3OCOC3=C2)[C@]23C[C@@H](OC)[C@H](O)C=C2[C@@H](O)CN13</chem>
Cristanines B	<chem>O[C@@H]1C=2[C@]3(C=4C(=CC5=C(C4)OCO5)CCN3C1)C[C@@H](OC)[C@H](O)C2</chem>
Crystamidine	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)C=C2)C(=C1)C=C[C@H](OC)C3</chem>
Crystamidine	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)C=C2)C(=C1)C=C[C@H](OC)C3</chem>
Crystamidine	<chem>O=C1N2[C@]3(C=4C(=CC5=C(C4)OCO5)C=C2)C(=C1)C=C[C@H](OC)C3</chem>
Epi-erythradinone	<chem>[H]C1C([H])C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](OC)C(=O)C=C2CCN13</chem>
Epierythratidine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@H]1O)=CC(OC)=C(OC)C4</chem>
Epierythratidine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@H]1O)=CC(OC)=C(OC)C4</chem>
Epierythratine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CCC3=C[C@@H]1O</chem>
Erybidine	<chem>OC=1C=C2C(=CC1OC)C=3C=C(OC)C(OC)=CC3CCN(C)CC2</chem>
Erybidine	<chem>OC=1C=C2C(=CC1OC)C=3C=C(OC)C(OC)=CC3CCN(C)CC2</chem>
Erymelanthine	<chem>O=C(OC)C1=NC=C2C(=C1)C34C(C=CC(OC)C3)=CCN4CC2</chem>
Erymelanthine	<chem>O=C(OC)C1=NC=C2C(=C1)C34C(C=CC(OC)C3)=CCN4CC2</chem>
Erysodienone	<chem>O(C)C1=C[C@]23C=4C(CCN2CCC3=CC1=O)=CC(O)=C(OC)C4</chem>
Erysodine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysodine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysodine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysodine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysodine N-oxide	<chem>[H]C1=C[N+]2([O-])CC=C3C=C[C@@H](C[C@]23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysodine N-oxide	<chem>[H]C1=C[N+]2([O-])CC=C3C=C[C@@H](C[C@]23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysodinophorine hydroxide	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(OC([C@H](CC=5C=6C(NC5)=CC=CC6)[N@@+](C)(C)C)=O)=C(OC)C4)CCN2CC=C3C=C1.[OH-]</chem>
Erysoflorinone	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=CC1=O)=CC(O)=C(O)C4</chem>
Erysoline	<chem>[H]O[C@@H]1C[C@@]23N(C([H])C([H])C4=C2C=C(O[H])C(OC)=C4)C([H])([H])C=C3C=C1</chem>
Erysonine	<chem>[H]O[C@@H]1C[C@@]23N(C([H])C([H])C4=C2C=C(OC)C(O[H])=C4)C([H])([H])C=C3C=C1</chem>
Erysophorine chloride	<chem>CO[C@@H]1C[C@]23N(CC=C2C=C1)CCC1=CC(OC)=C(OC(=O)[C@H](C2=CNC4=CC=CC=C24)[N+](C)(C)C)C=C31</chem>
Erysopine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysopine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(O)C(OC)=C2)OC</chem>
Erysopine 15-O-sulfate	<chem>[H]OS(=O)(=O)OC1=CC2=C(CCN3CC=C4C=CC(C[C@]234)OC)C=C1O</chem>
Erysopine 15-O-sulfate	<chem>[H]OS(=O)(=O)OC1=CC2=C(CCN3CC=C4C=CC(C[C@]234)OC)C=C1O</chem>

Erysopinophorine hydroxide	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(OC([C@H](CC5=CC=6C(N5)=CC=CC6)[N+](C)(C)C)=O)=C(O)C4)CCN2CC=C3C=C1.[OH-]</chem>
Erysopitine	<chem>OC=1C=C2C(=CC1O)C34C(=CC(O)C(OC)C3)CCN4CC2</chem>
Erysosalvine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@H]1O)=CC(OC)=C(O)C4</chem>
Erysosalvine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@H]1O)=CC(OC)=C(O)C4</chem>
Erysosalvinone	<chem>CO[C@@H]1C[C@]23N(CCC2=CC1=O)CCC1=CC(OC)=C(O)C=C31</chem>
Erysosalvinone	<chem>CO[C@@H]1C[C@]23N(CCC2=CC1=O)CCC1=CC(OC)=C(O)C=C31</chem>
Erysothiopine	<chem>[H]C1C([H])C2=C(C=C(O)C(OS(=O)(=O)CC(O)=O)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
Erysothiopine	<chem>[H]C1C([H])C2=C(C=C(O)C(OS(=O)(=O)CC(O)=O)=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
Erysothiovine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(OC)=C(OS(CC(O)=O)(=O)=O)C4)CCN2CC=C3C=C1</chem>
Erysotine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@H]1O)=CC(O)=C(OC)C4</chem>
Erysotine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@H]1O)=CC(O)=C(OC)C4</chem>
Erysotinone	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=CC1=O)=CC(O)=C(OC)C4</chem>
Erysotramidine	<chem>O=C1N2[C@]3(C=4C(CC2)=CC(OC)=C(OC)C4)C(=C1)C=C[C@H](OC)C3</chem>
Erysotramidine	<chem>O=C1N2[C@]3(C=4C(CC2)=CC(OC)=C(OC)C4)C(=C1)C=C[C@H](OC)C3</chem>
Erysotrine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(OC)=C(OC)C4)CCN2CC=C3C=C1</chem>
Erysotrine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(OC)=C(OC)C4)CCN2CC=C3C=C1</chem>
Erysotrine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(OC)=C(OC)C4)CCN2CC=C3C=C1</chem>
Erysotrine N-oxide	<chem>O=N12[C@]3(C=4C(CC1)=CC(OC)=C(OC)C4)C(=CC2)C=C[C@H](OC)C3</chem>
Erysotrine N-oxide	<chem>O=N12[C@]3(C=4C(CC1)=CC(OC)=C(OC)C4)C(=CC2)C=C[C@H](OC)C3</chem>
Erysotrine N-oxide	<chem>O=N12[C@]3(C=4C(CC1)=CC(OC)=C(OC)C4)C(=CC2)C=C[C@H](OC)C3</chem>
Erysovine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(OC)C(O)=C2)OC</chem>
Erysovine	<chem>[H]C1CN2CC=C3C=CC(CC23C2=C1C=C(OC)C(O)=C2)OC</chem>
Erysovine N-oxide	<chem>[H]C1=C[N+](O-)[C@]23C=C3C=C[C@@H](C[C@]23C2=C1C=C(OC)C(O)=C2)OC</chem>
Erysovine N-oxide	<chem>[H]C1=C[N+](O-)[C@]23C=C3C=C[C@@H](C[C@]23C2=C1C=C(OC)C(O)=C2)OC</chem>
Erytharbine	<chem>O=C1N2[C@]3(C=4C(C=C2)=CC(OC)=C(OC)C4)C(=C1)C=C[C@H](OC)C3</chem>
Erytharbine	<chem>O=C1N2[C@]3(C=4C(C=C2)=CC(OC)=C(OC)C4)C(=C1)C=C[C@H](OC)C3</chem>
Erytharborine A	<chem>O(C)[C@@H]1C[C@]23C=4C(C5=C(N2CC=C3C=C1)OC(C)(C)O5)=CC(O)C=C(OC)C4</chem>
Erytharborine B	<chem>O(C)[C@@H]1C[C@]23C=4C(C5=C(N2CC=C3C=C1)OC(C)(C)O5)=CC6=C(C4)OCO6</chem>
Erytharborine C	<chem>CO[C@@H]1CC23N(C[C@H](C(Cl)Cl)C2=C\C1=N\O)CCC1=C3C=C(OC)C(OC)=C1</chem>
Erytharborine D	<chem>CO[C@H]1CC=C2[C@H](CN3CCC4=C(C=C(OC)C(OC)=C4)C23C1)C(Cl)C</chem>

Erytharborine E	<chem>CO[C@@H]1CC23N(C[C@@H]4O[C@]24C=C1)CCC1=C3C=C(OC)C(OC)=C1</chem>
Erytharborine F	<chem>COC1CC23N(C[C@@H](O)C2=C[C@H]1O)C(=O)C(=O)C1=C3C=C(OC)C(OC)=C1</chem>
Erytharborine G	<chem>COC1CC23N(CCC4=C2C=C(OC)C(OC)=C4)C(=O)[C@H](O)C3=C[C@@H]1O</chem>
Erytharborine H	<chem>[H]C1C=C2C=CC(CC22N1C(=O)C([H])(O)C1=C2C=C(OC)C(OC)=C1)OC</chem>
Erythbidin B	<chem>[H]C1([H])C=C2C=C[C@@H](C[C@]22N1[C@H](O)C(=O)C1=C2C=C2OCOC2=C1)OC</chem>
Erythrabine	<chem>CO[C@@H]1C[C@@]23N(C=CC4=C2C=C(OC)C(OC)=C4)C(=O)C=C3C=C1</chem>
Erythraline	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CC=C3C=C1</chem>
Erythraline	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CC=C3C=C1</chem>
Erythraline	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CC=C3C=C1</chem>
Erythraline	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CC=C3C=C1</chem>
Erythraline	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CC=C3C=C1</chem>
Erythraline N-oxide	<chem>CO[C@@H]1C[C@@]23C(CC[N+](=O)[O-])CCC2=C3C=C(OC)C(OC)=C2)=[C@H]1O</chem>
Erythraline-11-beta-O-glucopyranoside	<chem>[H]C1[C@H](ON[C@@H](CCC(O)=O)C=O)C2=C(C=C3OCOC3=C2)[C@]23C[C@@H](OC)C=CC2=CC([H])([H])N13</chem>
Erythramine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CCC3=CC1</chem>
Erythramine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CCC3=CC1</chem>
Erythartine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(OC)=C(OC)C4)[C@@H](O)CN2CC=C3C=C1</chem>
Erythartine N-oxide	<chem>O=N12[C@]3(C=4C(=CC(OC)=C(OC)C4)[C@@H](O)C1)C(=CC2)C=C[C@H](OC)C3</chem>
Erythascine	<chem>COC1C[C@]23N(CC=C2C=C1)C[C@H](OC(C)=O)C1=C3C=C(OC)C(OC)=C1</chem>
Erythratidine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@@H]1O)=CC(OC)=C(OC)C4</chem>
Erythratidine	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=C[C@@H]1O)=CC(OC)=C(OC)C4</chem>
Erythratidinone	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=CC1=O)=CC(OC)=C(OC)C4</chem>
Erythratidinone	<chem>O(C)[C@@H]1C[C@]23C=4C(CCN2CCC3=CC1=O)=CC(OC)=C(OC)C4</chem>
Erythratine	<chem>[H]C1CN2C([H])C([H])C3=C(C=C4OCOC4=C3)[C@@]22C[C@@H](OC)[C@H](O)C=C12</chem>
Erythratinone	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)CCN2CCC3=CC1=O</chem>
Erythravine	<chem>O[C@@H]1C[C@]23C=4C(=CC(OC)=C(OC)C4)CCN2CC=C3C=C1</chem>
Erythravine	<chem>O[C@@H]1C[C@]23C=4C(=CC(OC)=C(OC)C4)CCN2CC=C3C=C1</chem>
Erythrinarbine	<chem>O=C1N2CCC3=CC(OC)=C(O)C=C3C2CC1</chem>
Erythrinarbine	<chem>O=C1N2CCC3=CC(OC)=C(O)C=C3C2CC1</chem>

Erythrinine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)[C@@H](O)CN2CC=C3C=C1</chem>
Erythrinine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)[C@@H](O)CN2CC=C3C=C1</chem>
Erythrinine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC5=C(C4)OCO5)[C@@H](O)CN2CC=C3C=C1</chem>
Erythrinine N-oxide	<chem>O=N12[C@]3(C=4C(=CC5=C(C4)OCO5)[C@@H](O)C1)C(=CC2)C=C[C@H](OC)C3</chem>
Erythristemine	<chem>[H]C1[C@@H](OC)C2=C(C=C(OC)C(OC)=C2)[C@]23C[C@@H](OC)C=C2=CC([H])([H])N13</chem>
Erythristemine-N-oxide	<chem>O=N12[C@]3(C=4C([C@@H](OC)C1)=CC(OC)=C(OC)C4)C(=CC2)C=C[C@H](OC)C3</chem>
Erythritol	<chem>COC1=C[C@]23N(CCC2=CC1O)CCC1=C3C=C(OC)C(OC)=C1</chem>
Erythrivarine A	<chem>CO[C@@H]1C[C@]23N(CC(C4C=C5C=C[C@@H](C[C@]55N4C[C@H](O)C4=C5C=C5OCOC5=C4)OC)=C2C=C1)C[C@H](O)C1=C3C=C2OCOC2=C1</chem>
Erythrivarine A1	<chem>[H][C@]1(C=C2C=C[C@@H](C[C@]22N1CCC1=CC3=C(OCO3)C=C21)OC)[C@]1([H])C=C2C=C[C@@H](C[C@]22N1C(=O)C(=O)C1=C2C=C2OCOC2=C1)OC</chem>
Erythrivarine A10	<chem>[H]C1CN2C(=O)C(=C3C[C@H](O)[C@@H](C[C@]23C2=CC(OC)=C(OC)C=C12)OC)[C@]1([H])C=C2C=C[C@@H](C[C@]22N1CCC1=CC(OC)=C(O)C=C21)OC</chem>
Erythrivarine A11	<chem>[H]C1CN2C([H])([H])C(=C3C[C@H](O)[C@@H](C[C@]23C2=CC3=C(OCO3)C=C12)OC)[C@]1([H])C=C2C=C[C@@H](C[C@]22N1CCC1=CC3=C(OCO3)C=C21)OC</chem>
Erythrivarine A12	<chem>[H]C12C[C@](C)(O)O[C@@]1(C1=C[C@@H](O)[C@@H](C[C@]11N2CC2=C1C=C1OCOC1=C2)OC)[C@]1([H])C=C2C=C[C@@H](C[C@]22N1CCC1=C2C=C2OCOC2=C1)OC</chem>
Erythrivarine A13	<chem>[H][C@@]1(CC2=CC3=C(OCO3)C=C2C23C[C@@H](OC)C=CC2=CCN13)C1=CN2\C(=C\C(C)=O)C=C3C=C[C@@H](C[C@]23C2=C1C=C1OCOC1=C2)OC</chem>
Erythrivarine A2	<chem>[H]C1([H])N2CCC3=C(C=C4OCOC4=C3)[C@@]22C[C@@H](OC)C(=O)C=C2[C@@]1([H])[C@@]1([H])CC2=CC3=C(OCO3)C=C2[C@]23C[C@@H](OC)C=CC2=CC(=O)N13</chem>
Erythrivarine A3	<chem>[H][C@@]1(C(=O)N2CCC3=C(C=C4OCOC4=C3)[C@@]22C[C@@H](OC)[C@@H](O)C=C12)[C@@]1([H])CC2=CC3=C(OCO3)C=C2[C@]23C[C@@H](OC)C=CC2=CC(=O)N13</chem>
Erythrivarine A4	<chem>[H]C1CN2[C@@]([H])(C=C3C=C[C@@H](C[C@]23C2=CC3=C(OCO3)C=C12)OC)C1=C2C=C[C@@H](C[C@]22N(C1)CCC1=C2C=C2OCOC2=C1)OC</chem>

C

Erythrivarine A5	<chem>[H][C@]1(C=C2C=C[C@@H](C[C@]22N1C[C@H](OC)C1=CC3=C(OCO3)C=C21)OC)C1=C2C=C[C@@H](C[C@]22N(C1)CCC1=C2C=C2OCOC2=C1)OC</chem>
Erythrivarine A6	<chem>[H]C1CN2[C@@]([H])(C=C3C=C[C@@H](C[C@]23C2=CC(OC)=C(OC)C=C12)OC)C1=C2C=C[C@@H](C[C@]22N(C1)CCC1=C2C=C2OCOC2=C1)OC</chem>
Erythrivarine A7	<chem>[H]C1CN2[C@@]([H])(C=C3C=C[C@@H](C[C@]23C2=CC3=C(OCO3)C=C12)OC)C1=C2C=C[C@@H](C[C@]22N(C1)CCC1=C2C=C(OC)C(OC)=C1)OC</chem>
Erythrivarine A8	<chem>[H]C1CC2=C(C(=O)N3CC([H])C4=CC5=C(OCO5)C=C4[C@]23C[C@H]1OC)[C@]1([H])C=C2C=C[C@@H](C[C@]22N1CCC1=CC3=C(OCO3)C=C21)OC</chem>
Erythrivarine A9	<chem>[H]C1CC2=C(C(=O)N3C[C@H](OC)C4=CC5=C(OCO5)C=C4[C@]23C[C@H]1OC)[C@]1([H])C=C2C=C[C@@H](C[C@]22N1CCC1=CC3=C(OCO3)C=C21)OC</chem>
Erythrivarine B	<chem>CO[C@@H]1C[C@@]23N(C[C@H](O)C4=CC5=C(OCO5)C=C24)C(C=C3C=C1)C1=CN2C[C@H](O)C3=C(C=C4OCOC4=C3)C3=C(OC)C=CC1=C23C(C(OC[C@H]1O[C@@H](O[C@@H]2C=3C([C@@]45N(C2=O)CC=C4C=C[C@H](OC)C5)=CC6=C(C3)OCO6)[C@H](O)[C@@H](O)[C@@H]1O)=O)[C@H]7N8[C@]9(C=%10C([C@@H](O)C8)=CC%11=C(C%10)OCO%11)C(=C7)C=C[C@H](OC)C9</chem>
Erythrivarine C	
Erythrivarine D	<chem>C(C(OC[C@H]1O[C@@H](O[C@@H]2C=3C([C@@]45N(C2=O)CC=C4C=C[C@H](OC)C5)=CC6=C(C3)OCO6)[C@H](O)[C@@H](O)[C@@H]1O)=O)[C@H]7N8[C@]9(C=%10C([C@@H](OC)C8)=CC%11=C(C%10)OCO%11)C(=C7)C=C[C@H](OC)C9</chem>
Erythrivarine E	<chem>O(C)[C@@H]1C[C@]23N([C@@H](C(=C2C=C1)[C@H]4N5[C@@]6(C(=C4)C=C[C@H](OC)C6)C=7C([C@@H](O)C5)=CC8=C(C7)OCO8)C9=C%10[C@@]%11(N(C9=O)C[C@H](O)C=%12C%11=CC%13=C(C%12)OCO%13)C[C@@H](OC)C=C%10)C[C@H](O)C=%14C3=CC%15=C(C%14)OCO%15</chem>
Erythrivarine F	<chem>O(C)[C@@H]1C[C@]23N([C@@H](C(=C2C=C1)[C@H]4N5[C@@]6(C(=C4)C=C[C@H](OC)C6)C=7C([C@@H](O)C5)=CC8=C(C7)OCO8)C9=C%10[C@@]%11(N(C9=O)C[C@H](O)C=%12C%11=CC%13=C(C%12)OCO%13)C[C@@H](OC)C=C%10)C[C@H](OC)C=%14C3=CC%15=C(C%14)OCO%15</chem>
Erythrivarine G	<chem>O=C1C[C@]23N([C@@H](C(=C2C=C1)[C@H]4N5[C@@]6(C(=C4)C=C[C@H](OC)C6)C=7C([C@@H](OC)C5)=CC8=C(C7)OCO8)C9=C%10[C@@]%11(N(C9=O)C[C@H](O)C=%12C%11=CC%13=C(C%12)OCO%13)C[C@@H](OC)C=C%10)C[C@H](O)C=%14C3=CC%15=C(C%14)OCO%15</chem>
Erythrivarine O	<chem>[H][C@]1(CC2=CC3=C(OCO3)C=C2[C@]23C[C@@H](OC)C=CC2=CCN13)C1=CN2C(=O)C=C3C=C[C@@H](C[C@]23C2=CC3=C(OCO3)C=C12)OC</chem>

[illegible]

Hypaphorine methyl ester	<chem>C([C@@H](C(OC)=O)[N@@+](C)(C)C)C=1C=2C(NC1)=CC=CC2</chem>
Isoboldine	<chem>OC1=C2C=3[C@](CC=4C2=CC(OC)=C(O)C4)(N(C)CCC3C=C1OC)[H]</chem>
Isoerysopinophorin hydroxide	<chem>[OH-].COC1CC23N(CC=C2C=C1)CCC1=C3C=C(OC(=O)C(CC2=CNC3=C</chem> <chem>C=CC=C23)[N+](C)(C)C)C(O)=C1</chem>
Lycorine	<chem>[H][C@@]12N3CCC1=C[C@H](O)[C@@H](O)[C@@]2([H])C1=C(C3)C=C</chem> <chem>2OCOC2=C1</chem>
Melanacanthine (8-oxoerymelanthine)	<chem>CO[C@@H]1C[C@@]23N(CCC4=C2C=C(N=C4)C(=O)OC)C(=O)C=C3C=C</chem> <chem>1</chem>
N,N-Dimethyltryptophan methyl ester	<chem>C([C@H](C(OC)=O)N(C)C)C=1C=2C(NC1)=CC=CC2</chem>
N-Nororientaline	<chem>C([C@@H]1C=2C(=CC(OC)=C(O)C2)CCN1)C3=CC(OC)=C(O)C=C3</chem>
N-Norprotosinomenine	<chem>COC1=CC=C(CC2NCCC3=CC(O)=C(OC)C=C23)C=C1O</chem>
Norisoorientaline	<chem>COC1=CC(CC2NCCC3=CC(O)=C(OC)C=C23)=CC=C1O</chem>
Nororientaline	<chem>COC1=C(O)C=CC(CC2NCCC3=CC(OC)=C(O)C=C23)=C1</chem>
Norreticuline	<chem>C([C@H]1C=2C(=CC(OC)=C(O)C2)CCN1)C3=CC(O)=C(OC)C=C3</chem>
O-Methyllycorenine	<chem>[H][C@@]12N(C)CCC1=CC[C@@]1([H])O[C@H](OC)C3=C(C=C(OC)C(O</chem> <chem>C)=C3)[C@@]21[H]</chem>
Protosinomenine	<chem>C([C@H]1C=2C(=CC(O)=C(OC)C2)CCN1C)C3=CC(O)=C(OC)C=C3</chem>
Reticuline	<chem>C([C@H]1C=2C(=CC(OC)=C(O)C2)CCN1C)C3=CC(O)=C(OC)C=C3</chem>
Retronccine	<chem>[H][C@@]12[C@H](O)CCN1CC=C2CO</chem>
Rhamnoerysodine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(O[C@H]5[C@H](O)[C@H](O)[C@@H</chem> <chem>]([O])[C@H](C)O5)=C(OC)C4)CCN2CC=C3C=C1</chem>
Rhamnoerysodine	<chem>O(C)[C@@H]1C[C@]23C=4C(=CC(O[C@H]5[C@H](O)[C@H](O)[C@@H</chem> <chem>]([O])[C@H](C)O5)=C(OC)C4)CCN2CC=C3C=C1</chem>
Scoulerine	<chem>OC=1C=C2[C@]3(N(CC=4C(C3)=CC=C(OC)C4O)CCC2=CC1OC)[H]</chem>
Scoulerine	<chem>OC=1C=C2[C@]3(N(CC=4C(C3)=CC=C(OC)C4O)CCC2=CC1OC)[H]</chem>
Sodium erysovine 15-O-sulfate	<chem>COC1CC23N(CC=C2C=C1)CCC1=C3C=C(OS(=O)(=O)O[Na])C(OC)=C1</chem>
Sodium erysovine 15-O-sulfate	<chem>COC1CC23N(CC=C2C=C1)CCC1=C3C=C(OS(=O)(=O)O[Na])C(OC)=C1</chem>
Sodium erysovine N-oxy-15-O-sulfate	<chem>[H]C1=C[N+](2([O-])CC=C3C=C[C@@H](C[C@]23C2=C1C=C(OC)C(=C2)</chem> <chem>S(=O)(=O)O[Na])OC</chem>
Sodium erysovine N-oxy-15-O-sulfate	<chem>[H]C1=C[N+](2([O-])CC=C3C=C[C@@H](C[C@]23C2=C1C=C(OC)C(=C2)</chem> <chem>S(=O)(=O)O[Na])OC</chem>
Stachydrine	<chem>C([O-])(=O)[C@H]1[N+](C)(C)CCC1</chem>
Tazettine	<chem>[H][C@]12C[C@H](OC)C=C[C@]11C3=CC4=C(OCO4)C=C3CO[C@]1(O)</chem> <chem>CN2C</chem>

Table S2. List of *Sophora* alkaloids used in the SOM analysis with their corresponding SMILES representations. Duplicate molecular are highlighted in red

Name of molecule	SMILE
(-)-9 α -Hydroxysophocarpine	<chem>[H]C1CN2CCC[C@@]3([H])CN4C(=O)C=CC[C@]4([H])[C@@]([H])(C1)[C@@]23[H]</chem>
(-)-N-methylcytisine	<chem>CN1CC2CC(C1)C1=CC=CC(=O)N1C2</chem>
(+)-5 α -Hydroxyoxysophocarpine	<chem>[H]C1C[C@]2([H])[C@@]3([H])C([H])C=CC(=O)N3C[C@]3(O)CCC[N+](O-)(C1)[C@]23[H]</chem>
(+)-Allomatrine	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@@]4([H])CCCC(=O)N4C1)[C@@]23[H]</chem>
(+)-allo-sophoranol	<chem>[H][C@]12CCCN3CCC[C@](O)([C@@]4([H])CCCC(=O)N4C1)[C@@]23[H]</chem>
(+)-Isomatrine	<chem>[H][C@@]12CCCN3CCC[C@@]([H])([C@@]4([H])CCCC(=O)N4C1)[C@@]23[H]</chem>
(+)-Lehmannine	<chem>[H]C1CN2CCC[C@@]3([H])CN4C(=O)CC=C[C@]4([H])[C@@]([H])(C1)[C@@]23[H]</chem>
10-Oxy-5,6 dehydromatrine	<chem>[H][C@]12CCCC(=O)N1CC1=C3N(CCC1)C(=O)CC[C@]23[H]</chem>
10-Oxysophoridine	<chem>[H][C@@]12CCCN3C(=O)CC[C@]([H])([C@@]4([H])CCCC(=O)N4C1)[C@]23[H]</chem>
11-Allyl-cytisine	<chem>C=CCC1NCC2CC1CN1C(=O)C=CC=C21</chem>
11-Oxocytisine	<chem>O=C1NCC2CC1CN1C(=O)C=CC=C21</chem>
12 β -Hydroxy-sophocarpine	<chem>[H][C@@]1(O)C=CC(=O)N2C[C@]3([H])CCCN4CCC[C@@]([H])([C@]34[H])[C@@]12[H]</chem>
12 α -Hydroxysophocarpine	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@@]4([H])[C@@H](O)C=CC(=O)N4C1)[C@]23[H]</chem>
13-Methoxyanagyrene	<chem>[H][C@]12C[C@H](CCN1C[C@H]1C[C@@H]2CN2C(=O)C=CC=C12)OC</chem>
13 α -Methoxy matrine	<chem>[H]C1N2C(=O)C[C@@H](C[C@]2([H])[C@@]2([H])CCCN3CCC[C@]1([H])[C@@]23[H])OC</chem>
13 β -Hydroxyoxymatrine	<chem>[H]C1C[N+](O-)(CCC[C@@]3([H])CN4C(C[C@H](O)CC4=O)[C@@]([H])(C1[H])[C@@]23[H])</chem>
14 β -Hydroxylupanine	<chem>[H][C@@]12CC[C@H](O)CN1C[C@@H]1C[C@H]2CN2C(=O)CCC[C@]12[H]</chem>
14 β -Hydroxymatrine	<chem>[H][C@@]12CCCN3CCC[C@@]([H])([C@]4([H])CC[C@@H](O)C(=C)N4C1)[C@@]23[H]</chem>
14 β -Hydroxymatrine	<chem>[H][C@@]12CCCN3CCC[C@@]([H])([C@]4([H])CC[C@@H](O)C(=C)N4C1)[C@@]23[H]</chem>
5,6-Dehydrolupanine	<chem>[H][C@]12CCCCN1CC1CC2CN2C(=O)CCC=C12</chem>
5 α ,14 β -Dihydroxymatrine	<chem>[H][C@]12CC[C@H](O)C(=O)N1C[C@]1(O)CCCN3CCC[C@@]2([H])[C@]13[H]</chem>

5α-Hydroxymatrine [(+)- Sophoranol]	<chem>[H][C@]12CCCC(=O)N1[C@@H](O)C1CCCN3CCC[C@@]2([H])[C@]13[H]</chem>
7 α -Hydroxysophoramine	<chem>[H][C@]12CCCN3CCC[C@](O)(C4=CC=CC(=O)N4C1)[C@]23[H]</chem>
7,11-Dehydromatrine	<chem>[H]C12CCCN3CCCC(=C4CCCC(=O)N4C1)C23[H]</chem>
7,11-Dehydro-oxymatrine	<chem>[H][C@]12CCC[N+](O-)(CCCC(=C4CCCC(=O)N4C1)[C@]23[H])</chem>
7-epi-Sophoramine	<chem>[H][C@]12CCCN3CCC[C@]([H])(C4=CC=CC(=O)N4C1)[C@]23[H]</chem>
7β-Sophoramine	<chem>[H][C@]12CCCN3CCC[C@]([H])(C4=CC=CC(=O)N4C1)[C@]23[H]</chem>
8α-Hydroxysophocarpine	<chem>[H]C1CN2CCC[C@@]3([H])CN4C(CC([H])=CC4=O)[C@@]([H])([C@@H]1O)[C@@]23[H]</chem>
9 α-Hydroxy- 7,11-dehydromatrine	<chem>[H][C@]12CCCN3C[C@@H](O)CC(=C4CCCC(=O)N4C1)[C@]23[H]</chem>
9 α-Hydroxysophocarpine	<chem>[H]C12C[C@H](O)CN3CCCC([H])([C@]4([H])CC=CC(=O)N4C1)C23[H]</chem>
9 α-Hydroxysophoramine	<chem>[H]C12C[C@H](O)CN3CCCC([H])(C4=CC=CC(=O)N4C1)C23[H]</chem>
9α-Acetoxymatrine	<chem>[H]C1CC2N(C[C@]3([H])CCCN4C[C@@H](OC(C)=O)C([H])[C@@]2([H])[C@]34[H])C(=O)C1</chem>
9α-Hydroxymatrine	<chem>OC1CC2C3CCCC(=O)N3CC3CCCN(C1)C23</chem>
Alopecine A	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@@]4([H])C[C@H]5[C@@H](C(=O)C4C1)C5(Cl)Cl)[C@]23[H]</chem>
Alopecine B	<chem>[H][C@]12CCC[N+](O-)(CCC[C@]([H])([C@@]4([H])C[C@H]5[C@@H](C(=O)N4C1)C5(Cl)Cl)[C@]23[H])</chem>
Alopecine C	<chem>[H][C@@]12CCCN3CCC[C@]([H])([C@@]4([H])C[C@H]5[C@@H](C(=O)N4C1)C5(Cl)Cl)[C@]23[H]</chem>
Alopecine D	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@@]4([H])CC5=C(C(=O)N4C1)C5(Cl)Cl)[C@]23[H]</chem>
Alopecine E	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@@]4([H])C[C@H](CC(=O)N4C1)C(Cl)(Cl)Cl)[C@]23[H]</chem>
Alopecurine A	<chem>[H][C@]12CCCC(=O)N1C[C@@]1(O)CCCN(CCCC2=O)C1=O</chem>
Alopecurine B	<chem>[H][C@]12CCCC(=O)N1CC(=O)CCCN1CCC[C@]2(O)C1=O</chem>
Aloperine	<chem>C1CCN2C[C@H]3C[C@H](C=C4CCCN(C34)C2C1</chem>
Anagryrine	<chem>[H]C1CCN2CC3CC(CN4C(=O)C=CC=C34)[C@@]2([H])C1</chem>
Anagryrine	<chem>[H]C1CCN2CC3CC(CN4C(=O)C=CC=C34)[C@@]2([H])C1</chem>
Cytisine	<chem>O=C1C=CC=C2C3CNCC(C3)CN12</chem>
Epilamprolobin	<chem>[H]C12CCCCN1CCCC2CN1C(=O)CCCC1=O</chem>
Epilamprolobin-N-oxide	<chem>[H]C12CCCC[N+](O-)(CCCC2CN1C(=O)CCCC1=O)</chem>
Flavascensine	<chem>[H][C@]12CC(C)(C)NC1=C(C)C(=O)C(C)(C)N2</chem>
Flavesine G	<chem>OC(=O)CCCC1=NC=C2CCCN3CCCC1=C23</chem>
Flavesine H	<chem>[H][C@@]1(CCCC(O)=O)N=CC2=C3N(CCC2)CCC[C@@]13[H]</chem>
Flavesine I	<chem>OC(=O)CCCC1=NCC2CCCN3CCCC1=C23</chem>
Flavesine J	<chem>O=C(CCCC1=NC=C2CCCN3CCCC1=C23)N1CCCCC1</chem>
Isokurarimine	<chem>CN1C[C@H](CO)C[C@H](C1)C1=CC=CC(=O)N1</chem>
Isomatrine	<chem>[H][C@]12CCCN3CCC[C@]([H])(C4([H])CCCC(=O)N4C1)[C@]23[H]</chem>
Isosophoridine	<chem>[H][C@@]12CCCN3C(=O)CC[C@]([H])([C@@]4([H])CCCC(=O)N4C1)[C@@]23[H]</chem>

Kurarimine	<chem>CN1C[C@@H](CO)C[C@H](C1)C1=CC=CC(=O)N1</chem>
Lehmanine	<chem>[H]C12CCCN3CCCC([H])([C@@]4([H])C=CCC(=O)N4C1)C23[H]</chem>
Mamanine	<chem>[H]C12CCCN1CC(CC2CO)C1=CC=CC(=O)N1</chem>
Mandarin	<chem>[H]C12CCCN3CCCC([H])([C@]4([H])CCCC(=O)N4C1)[C@]23[H]</chem>
Matrine	<chem>[H]C12CCCN3CCCC([H])([C@]4([H])CCCC(=O)N4C1)C23[H]</chem>
Matrine	<chem>[H]C12CCCN3CCCC([H])([C@]4([H])CCCC(=O)N4C1)C23[H]</chem>
Neosophoramine	<chem>[H]C1CN2CCC[C@]3([H])CN4C(=O)C=CC=C4[C@@]([H])(C1)[C@@]23[H]</chem>
N-Formyl cytosine	<chem>O=CN1CC2CC(C1)C1=CC=CC(=O)N1C2</chem>
N-Methyl cytosine	<chem>CN1CC2CC(C1)C1=CC=CC(=O)N1C2</chem>
Ochrocephalamines E	<chem>[H][C@]12CCC(=O)N1C[C@]1([H])CCCN3CCC[C@@]2([H])[C@]13[H]</chem>
Oxymatrine	<chem>[H]C12CCC[N+]3([O-])CCCC([H])([C@]4([H])CCCC(=O)N4C1)C23[H]</chem>
Oxymatrine	<chem>[H]C12CCC[N+]3([O-])CCCC([H])([C@]4([H])CCCC(=O)N4C1)C23[H]</chem>
Oxysophocarpine	<chem>[H][C@]12CCC[N+]3([O-])CCC[C@@]([H])([C@@]4([H])CC=CC(=O)N4C1)[C@]23[H]</chem>
Oxysophocarpine	<chem>[H][C@]12CCC[N+]3([O-])CCC[C@@]([H])([C@@]4([H])CC=CC(=O)N4C1)[C@]23[H]</chem>
Oxysophoridine	<chem>[H][C@@]12CCC[N+]3([O-])CCC[C@]([H])([C@@]4([H])CCCC(=O)N4C1)[C@]23[H]</chem>
Rhombifolin	<chem>C=CCN1CC2CC(C1)C1=CC=CC(=O)N1C2</chem>
Sophaline A	<chem>[H][C@@]12CCCN3CCC[C@@]([H])([C@]13[H])[C@@]1(CC)CC(=O)N1C2</chem>
Sophaline B	<chem>[H][C@@]12CC(=O)N3CCC[C@]([H])(CN4C(=O)CCC[C@]14[H])[C@@]23[H]</chem>
Sophaline C	<chem>[H][C@]12N3CCC[C@]1([H])CN1C(=O)CCC[C@]1([H])[C@@]2([H])C1=C3C=C(C=C1C)C(C)=O</chem>
Sophaline D	<chem>[H][C@]12N3CCC[C@@]1([H])CN1C(=O)CCC[C@]1([H])[C@@]2([H])C1=C3C=C(C=C1C)C(C)=O</chem>
Sophaline E	<chem>z[H][C@]12C[C@H](O)C[C@H](N1C[C@H]1C[C@@H]2CN2C(=O)C=C(C=C12)C(=O)C1=CNC2=C1C=CC=C2</chem>
Sophaline G	<chem>[H][C@@]12CCCN[C@]1([H])[C@]([H])(CC1=CC3=C4N(CCCC4=C1)CCC3)[C@@]1([H])CCCC(=O)C1C2</chem>
Sophaline H	<chem>[H][C@]12CCCN[C@]1([H])[C@]([H])(CC1=CC3=C4N(CCCC4=C1)CCC3)[C@@]1([H])CCCC(=O)C1C2</chem>
Sophalode A	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@]13[H])[C@]1(CCCC(=O)N1C2)OC</chem>
Sophalode B	<chem>[H][C@@]12CCC[N+]3([O-])CCC[C@@]([H])([C@]13[H])[C@]1(CCCC(=O)N1C2)OC</chem>
Sophalode C	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@]13[H])[C@]1(O)CCCC(=O)N1C2</chem>
Sophalode D	<chem>[H][C@]12CCCN3CCC[C@@]([H])([C@]13[H])[C@]1(O)CCCC(=O)N1C2</chem>

Sophalode E	<chem>[H]C1CN2CC([H])C([H])[C@]3(O)[C@@]4([H])CCC([H])C(=O)N4C[C@]([H])(C1)[C@]23[H]</chem>
Sophalode F	<chem>[H]C1CN2CC([H])[C@H](O)[C@]3([H])[C@@]4([H])CCC([H])C(=O)N4C[C@@]([H])(C1)[C@]23[H]</chem>
Sophalode G	<chem>[H]C1CN2C[C@@H](O)C([H])[C@]3([H])[C@@]4([H])CC[C@H](O)C(=O)N4C[C@]([H])(C1)[C@]23[H]</chem>
Sophalode H	<chem>[H]C1C[C@]2([H])C3=CC=CC(=O)N3C[C@@]3([H])CCC[N+](O-)(C1)[C@]23[H]</chem>
Sophalode I	<chem>[H][C@@]12CCCN3CCC[C@@]([H])(C4=CC=CC(=O)N4C1)[C@]23[H]</chem>
Sophalode J	<chem>[H]C1C=C[C@@]2([H])N(C[C@]3([H])CCCN4C[C@@H](O)C[C@@]2([H])[C@]34[H])C1=O</chem>
Sophalode K	<chem>[H]C1CN2CCC[C@]3([H])CN4C(=O)[C@@H](O)C=C[C@]4([H])[C@@]([H])(C1)[C@@]23[H]</chem>
Sophalode L	<chem>[H][C@@]12CCCN3CCCC(=C4CCCC(=O)N4C1)[C@]23[H]</chem>
Sophaloseedline I	<chem>[H]C1CC[C@@]2([H])N(C[C@]34CCCN5CCC[C@]2(O3)[C@]45O)C1=O</chem>
Sophaloseedline J	<chem>[H][C@]12CC[C@H](O)C(=O)N1C[C@]13CCCN4CCC[C@]2(O1)[C@]34O</chem>
Sophaloseedline K	<chem>[H][C@]12CC[C@H](O)C(=O)N1C[C@@]13CCCN4CCC[C@@]2(O1)[C@@]34O</chem>
Sophaloseedline L	<chem>[H][C@]12CCCC(=O)N1C[C@]1([H])CCCN(CCC[C@H]2O)C1=O</chem>
Sophaloseedline M	<chem>[H][C@]12CC[C@@H](O)N3C(=O)CC[C@]([H])([C@@]4([H])CCCC(=O)N4C1)[C@]23[H]</chem>
Sophaloseedline N	<chem>[H]C1CC[C@@]2([H])CN3C(=O)CCC[C@]3([H])[C@@]3([H])CCC(=O)N1[C@@]23[H]</chem>
Sophaloseedline O	<chem>[H][C@@]12CCC[N+](O-)(C4CCCC(=O)N4C1)[C@@]23[H]</chem>
Sophaloseedline P	<chem>[H][C@]12CCCC(=O)N1C[C@]1(O)CCCN3CCC[C@@]2(O)[C@@]13[H]</chem>
Sophaloseedline Q	<chem>[H][C@@]12N3CCC[C@@]1(O)CN1C(=O)CCC=C1[C@@]2(O)CCC3</chem>
Sophaloseedline R	<chem>[H][C@]12CCC[N+](O-)(CCC[C@@]([H])([C@]13[H])[C@@]1(O)CCC(=O)N1C2</chem>
Sophaloseedline S	<chem>[H]C1CC(=O)N2[C@H](O)[C@]3([H])CCCN4CCC[C@]([H])([C@@]2([H])C1)[C@]34[H]</chem>
Sophocarpine	<chem>[H]C12CCCN3CCCC([H])([C@]4([H])CC=CC(=O)N4C1)C23[H]</chem>
Sophocarpine	<chem>[H]C12CCCN3CCCC([H])([C@]4([H])CC=CC(=O)N4C1)C23[H]</chem>
Sophocarpine	<chem>[H]C12CCCN3CCCC([H])([C@]4([H])CC=CC(=O)N4C1)C23[H]</chem>
Sophocarpine	<chem>[H]C12CCCN3CCCC([H])([C@]4([H])CC=CC(=O)N4C1)C23[H]</chem>
Sophoramine	<chem>[H]C12CCCN3CCCC([H])(C4=CC=CC(=O)N4C1)C23[H]</chem>
Sophoranol N-oxide	<chem>[H]C1CC(=O)N2C([H])[C@]3(O)CCC[N+](O-)(CCC[C@]([H])([C@@]2([H])C1)[C@]34[H]</chem>
Sophorazine A	<chem>[H]C(C)(O)C(=O)CN1C[C@]2([H])CN3C(=O)C=CC=C3[C@]([H])(C1)C2</chem>
Sophorazine B	<chem>[H]C(C)(O)C(=O)CN1C[C@]2([H])CN3C(=O)C=CC=C3[C@]([H])(C1)C2</chem>

Sophoridine	<chem>[H]C12CCCN3CCC[C@]([H])(C4([H])CCCC(=O)N4C1)[C@]23[H]</chem>
Sophoridine	<chem>[H]C12CCCN3CCC[C@]([H])(C4([H])CCCC(=O)N4C1)[C@]23[H]</chem>
Sophovicine A	<chem>[H][C@]12CCCN3CCC[C@]([H])([C@@]4([H])CC[C@@]([H])(N5C=NC6=C5N=CN=C6N)C(=O)N4C1)[C@]23[H]</chem>
Sophovicine B	<chem>[H][C@@]1(CC(=O)N2C[C@]3([H])CCCN4CCC[C@]([H])([C@@]2([H])C1)[C@]34[H])N1C=NC2=C1N=CN=C2N</chem>
Sophovicine C	<chem>[H][C@@]1(CC(=O)N2C[C@]3([H])CCCN4CCC[C@]([H])([C@@]2([H])C1)[C@]34[H])N1C=NC2=C1N=CN=C2N</chem>
Sophtonkine C	<chem>[H]C1CC[C@@]2([H])N(C[C@@]34CCCN5CCC[C@@]2(O3)[C@@]45O)C1=O</chem>
sophtonrootine B	<chem>[H][C@]12CCC(=O)N1C[C@@]1([H])CCCN(CCCC2=O)C1=O</chem>
Sparteine	<chem>[H]C1([H])CCCC2([H])C3CC(CN12)[C@@]1([H])CCCN1C3</chem>
Tsukushinamine A	<chem>C=CC[C@H]1[N@@]2CC3CC(C2)CN2C(=O)CC=C[C@]132</chem>
Tsukushinamine B	<chem>C=CCC1[N@@]2CC3CC(C2)CN2C(=O)CC=C[C@]132</chem>
Tsukushinamine C	<chem>C=CC[C@H]1[N@@]2CC3CC(C2)CN2C(=O)C=CC[C@]132</chem>

Table S3. Distribution of molecular descriptor values (nR10, nRC=N, and nCXr) for compounds from *Sophora* included in the SOM analysis

ID	nR10	nRC=N	nCXr	ID	nR10	nRC=N	nCXr
1	0	0	0	169	1	0	0
2	0	0	0	170	1	0	0
3	0	0	0	171	1	0	0
4	0	0	0	172	1	0	0
5	0	0	0	173	1	0	0
6	0	0	0	174	1	0	0
7	0	0	0	175	1	0	0
8	0	0	0	176	1	0	0
9	0	0	0	177	1	0	0
10	0	0	0	178	1	0	0
11	0	0	0	179	1	0	0
12	0	0	0	180	1	0	0
13	1	0	0	181	1	0	0
14	1	0	0	182	1	0	0
15	1	0	0	183	1	0	0
16	1	0	0	184	1	0	0
17	1	0	0	185	1	0	0
18	1	0	0	186	1	0	0
19	1	0	0	187	1	0	0
20	0	0	0	188	1	0	0
21	0	0	0	189	1	0	0
22	1	0	0	190	1	0	0
23	1	0	0	191	1	0	0
24	1	0	0	192	1	0	0
25	1	0	0	193	1	0	0
26	1	0	0	194	1	0	0
27	1	0	0	195	2	0	0
28	1	0	0	196	3	0	0
29	1	0	0	197	3	0	0
30	1	0	0	198	3	0	0
31	1	0	0	199	3	0	0
32	1	0	0	200	3	0	0
33	1	0	0	201	2	0	0
34	1	0	0	202	1	0	0
35	1	0	0	203	1	0	0
36	1	0	0	204	1	0	0
37	1	0	0	205	1	0	0
38	1	0	0	206	1	0	0

39	1	0	0	207	1	0	0
40	1	0	0	208	1	0	0
41	1	0	0	209	1	0	0
42	0	0	0	210	1	0	0
43	1	0	0	211	1	0	0
44	1	0	0	212	1	0	0
45	1	0	0	213	1	0	0
46	1	0	0	214	1	0	0
47	1	0	0	215	1	0	0
48	1	0	0	216	1	0	0
49	1	0	0	217	1	0	0
50	1	0	0	218	1	0	0
51	1	0	0	219	1	0	0
52	1	0	0	220	1	0	0
53	1	0	0	221	1	0	0
54	1	0	0	222	1	0	0
55	1	0	0	223	1	0	0
56	1	0	0	224	1	0	0
57	1	0	0	225	1	0	0
58	1	0	0	226	1	0	0
59	1	0	0	227	1	0	0
60	1	0	0	228	2	0	0
61	1	0	0	229	2	0	0
62	1	0	0	230	1	0	0
63	1	0	0	231	1	0	0
64	1	0	0	232	1	0	0
65	1	0	0	233	1	0	0
66	1	0	0	234	1	0	0
67	1	0	0	235	1	0	0
68	1	0	0	236	2	0	0
69	1	0	0	237	1	0	0
70	1	0	0	238	1	0	0
71	1	0	0	239	1	0	0
72	1	0	0	240	1	0	0
73	1	0	0	241	1	0	0
74	0	0	0	242	1	0	0
75	0	0	0	243	1	0	0
76	1	0	0	244	1	0	0
77	1	0	0	245	1	0	0
78	1	0	0	246	1	0	0
79	1	0	0	247	2	0	0
80	1	0	0	248	2	0	0

81	1	0	0	249	2	0	0
82	2	0	0	250	2	0	0
83	1	0	0	251	2	0	0
84	1	0	0	252	2	0	0
85	1	0	0	253	1	0	0
86	1	0	0	254	1	0	0
87	1	0	0	255	1	0	0
88	1	0	0	256	1	0	0
89	1	0	0	257	1	0	0
90	1	0	0	258	1	0	0
91	1	0	0	259	1	0	0
92	1	0	0	260	1	0	0
93	1	0	0	261	1	0	0
94	1	0	0	262	1	0	0
95	1	0	0	263	1	0	0
96	1	0	0	264	1	0	0
97	1	0	0	265	1	0	0
98	1	0	0	266	1	0	0
99	1	0	0	267	1	0	0
100	1	0	0	268	1	0	0
101	1	0	0	269	2	0	0
102	1	0	0	270	2	0	0
103	1	0	0	271	2	0	0
104	1	0	0	272	3	0	0
105	1	0	0	273	3	0	0
106	1	0	0	274	1	0	0
107	1	0	0	275	1	0	0
108	1	0	0	276	1	0	0
109	1	0	0	277	1	0	0
110	1	0	0	278	1	0	0
111	1	0	0	279	2	0	0
112	1	0	0	280	2	0	0
113	1	0	0	281	1	0	0
114	1	0	0	282	3	0	0
115	1	0	0	283	3	0	0
116	1	0	0	284	2	0	0
117	1	0	0	285	1	0	0
118	1	0	0	286	1	0	0
119	1	0	0	287	1	0	0
120	1	0	0	288	1	0	0
121	1	0	0	289	1	0	0
122	1	0	0	290	1	0	0

123	1	0	0	291	1	0	0
124	1	0	0	292	1	0	0
125	1	0	0	293	1	0	0
126	1	0	0	294	1	0	0
127	1	0	0	295	1	0	0
128	1	0	0	296	1	0	0
129	1	0	0	297	1	0	0
130	1	0	0	298	1	0	0
131	1	0	0	299	1	0	0
132	1	0	0	300	1	0	0
133	2	0	0	301	1	0	0
134	1	0	0	302	1	0	0
135	1	0	0	303	1	0	0
136	1	0	0	304	1	0	0
137	1	0	0	305	1	0	0
138	1	0	0	306	1	0	0
139	1	0	0	307	1	0	0
140	1	0	0	308	1	0	0
141	1	0	0	309	1	0	0
142	1	0	0	310	1	0	0
143	1	0	0	311	2	0	0
144	1	0	0	312	2	0	0
145	1	0	0	313	2	0	0
146	4	0	0	314	2	0	0
147	2	0	0	315	2	0	0
148	1	0	0	316	2	0	0
149	1	0	0	317	2	0	0
150	1	0	0	318	2	0	0
151	1	0	0	319	2	0	0
152	1	0	0	320	2	0	0
153	1	0	0	321	2	0	0
154	1	0	0	322	2	0	0
155	0	0	0	323	2	0	0
156	1	0	0	324	2	0	0
157	1	0	0	325	2	0	0
158	1	0	0	326	1	0	0
159	1	0	0	327	1	0	0
160	1	0	0	328	1	0	0
161	1	0	0	329	1	0	0
162	1	0	0	330	1	0	0
163	1	0	0	331	1	0	0
164	1	0	0	332	1	0	0

165	1	0	0	333	2	0	0
166	1	0	0	334	2	0	0
167	1	0	0	335	1	0	0
168	1	0	0	336	1	0	0

Table S4. Distribution of molecular descriptor values (nR10, nRC=N, and nCXr) for compounds from *Erythrina* included in the SOM analysis

ID	nR10	nRC=N	nCXr	ID	nR10	nRC=N	nCXr
1	0	0	0	61	4	0	0
2	1	0	0	62	4	0	0
3	1	0	0	63	4	0	0
4	3	0	0	64	4	0	0
5	3	1	0	65	4	0	0
6	3	1	0	66	4	0	0
7	0	0	0	67	4	0	0
8	0	0	0	68	4	0	0
9	1	0	0	69	4	0	0
10	1	0	0	70	4	0	0
11	4	0	0	71	4	0	0
12	4	0	0	72	4	0	0
13	1	0	0	73	4	0	0
14	1	0	0	74	4	0	0
15	1	0	0	75	4	0	0
16	3	0	0	76	4	0	0
17	2	0	0	77	4	0	0
18	2	0	0	78	4	0	0
19	1	0	0	79	4	0	0
20	1	0	0	80	4	0	0
21	1	0	0	81	4	0	0
22	4	0	0	82	4	0	0
23	1	0	0	83	2	0	0
24	4	0	2	84	2	0	0
25	3	0	0	85	4	0	0
26	1	0	0	86	6	0	0

27	1	0	0	87	6	0	0
28	1	0	0	88	1	0	0
29	1	0	0	89	4	0	0
30	4	0	0	90	4	0	0
31	4	0	0	91	5	0	0
32	4	0	0	92	5	0	0
33	4	0	0	93	3	0	0
34	4	0	0	94	4	0	0
35	4	0	0	95	4	0	0
36	4	0	0	96	4	0	0
37	4	0	0	97	4	0	0
38	4	0	0	98	4	0	0
39	4	0	0	99	4	0	0
40	4	0	0	100	4	0	0
41	2	0	0	101	4	0	0
42	4	0	2	102	4	0	0
43	4	0	2	103	4	0	0
44	4	0	2	104	4	0	0
45	6	0	0	105	4	0	0
46	6	0	0	106	4	0	0
47	1	0	0	107	4	0	0
48	1	0	0	108	4	0	0
49	1	0	0	109	4	0	0
50	2	0	0	110	4	0	0
51	2	0	0	111	4	0	0
52	4	0	0	112	4	0	0
53	4	0	0	113	4	0	0

54	4	0	0	114	4	0	0
55	4	0	0	115	4	0	0
56	4	0	0	116	2	0	0
57	4	0	0	117	2	0	0
58	4	0	0	118	2	0	0
59	4	0	0	119	2	0	0
60	4	0	0				
