



Percentage Composition: C 53.13%; H 5.24%; O 41.63%
Biological Source: From Siberian ginseng (*Eleutherococcus (Acanthopanax) senticosus*)
Physical Description: Cryst.
Melting Point: Mp 218°
Optical Rotation: $[\alpha]_{\text{D}}^{20} +80$ (MeOH)

>>**Derivative:** 6,8-Di-Me ether, 7-*O*-β-D-glucopyranoside
Synonym(s): Calycanthoside

CAS Registry Number: 483-91-0

Molecular Formula: C₁₇H₂₀O₁₀
Molecular Weight: 384.339
Accurate Mass: 384.10565
Percentage Composition: C 53.13%; H 5.24%; O 41.63%
Biological Source: Constit. of *Calycanthus occidentalis*
Physical Description: Cryst.
Melting Point: Mp 219-220°
Optical Rotation: $[\alpha]_{\text{D}}^{20} -42$ (MeOH)

>>**Derivative:** 6,8-Di-Me ether, 7-*O*-(2,3-epoxy-3-methylbutanoyl)
Synonym(s): 2',3'-Epoxyputerulin

Molecular Formula: C₁₆H₁₆O₇
Molecular Weight: 320.298
Accurate Mass: 320.089605
Percentage Composition: C 60.00%; H 5.03%; O 34.97%
Biological Source: Isol. from aerial parts of *Pterocaulon lanatum*
Physical Description: Platelets (Et₂O/petrol)
Melting Point: Mp 102-104°
Optical Rotation: $[\alpha]_{\text{D}}^{25} +98$ (c, 1.5 in CHCl₃)

>>**Derivative:** 7,8-Di-Me ether
Synonym(s): 6-Hydroxy-7,8-dimethoxy-2*H*-1-benzopyran-2-one. 6-Hydroxy-7,8-dimethoxycoumarin. **Arscotin**

Molecular Formula: C₁₁H₁₀O₅
Molecular Weight: 222.197
Accurate Mass: 222.052825
Percentage Composition: C 59.46%; H 4.54%; O 36.00%
Biological Source: From *Artemisia scotina*
Physical Description: Cryst.
Melting Point: Mp 192-193°

>>**Derivative:** Tri-Me ether
Synonym(s): 6,7,8-Trimethoxy-2*H*-1-benzopyran-2-one. 6,7,8-Trimethoxycoumarin. **Dimethylfraxetin**

CAS Registry Number: 6035-49-0

Molecular Formula: C₁₂H₁₂O₅
Molecular Weight: 236.224
Accurate Mass: 236.068475
Percentage Composition: C 61.02%; H 5.12%; O 33.86%
Biological Source: Isol. from trunkwood of *Fagara macrophylla*
Melting Point: Mp 103-104°