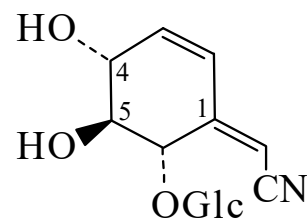




>>Entry Name: Lithospermoside



CAS Registry Number: 63492-69-3

Molecular Formula: C₁₄H₁₉NO₈

Molecular Weight: 329.306

Accurate Mass: 329.111069

Percentage Composition: C 51.06%; H 5.82%; N 4.25%; O 38.87%

Biological Source: Constit. of *Lithospermum officinale* and *Lithospermum caeruleum*

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 278-279°

Optical Rotation: $[\alpha]_D^{20} -156$ (c, 0.99 in H₂O)

>>Derivative: 4-Me ether

Synonym(s): Bauhinin

CAS Registry Number: 100757-58-2

Molecular Formula: C₁₅H₂₁NO₈

Molecular Weight: 343.333

Accurate Mass: 343.126719

Percentage Composition: C 52.48%; H 6.16%; N 4.08%; O 37.28%

Biological Source: Constit. of *Bauhinia championii*

Physical Description: Cryst. + 2H₂O (Me₂CO aq.)

Melting Point: Mp 213-214°

Optical Rotation: $[\alpha]_D^{25} -80$ (c, 1.05 in MeOH)

UV: [neutral] $\lambda_{\max}$ 258 (19700) (MeOH)

>>Derivative: 4-Epimer

Synonym(s): Dasycarponin

CAS Registry Number: 72523-59-2

Biological Source: Isol. from roots of *Thalictrum dasycarpum*

Physical Description: Rhombic cryst. (MeOH aq.)

Melting Point: Mp 253-255°

Optical Rotation: $[\alpha]_D^{27} -11$ (c, 0.25 in H₂O)

>>Derivative: 5-Epimer

CAS Registry Number: 84799-31-5

Molecular Formula: C₁₄H₁₉NO₈

Molecular Weight: 329.306

Accurate Mass: 329.111069

Percentage Composition: C 51.06%; H 5.82%; N 4.25%; O 38.87%

Biological Source: Constit. of fruits of *Ilex warburgii*

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 221-223°

Optical Rotation: $[\alpha]_D^{25} -247$ (c, 0.611 in MeOH)

>>Derivative: 4-Epimer, aglycone

Synonym(s): Dasycarponilide[‡]

Melting Point: Mp 164-165°

Optical Rotation: $[\alpha]_D^{27} +370$ (c, 0.01 in MeOH)

>>Derivative: 4,5,6-Triepimer

Synonym(s): Griffonin