



Physical Description: Cryst.

Melting Point: Mp 289 dec.°

Optical Rotation: $[\alpha]_D^{20} +112$ (c, 0.5 in CHCl_3)

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→6)-[α-L-rhamnopyranosyl-(1→4)]-β-D-glucopyranoside]

Synonym(s): Saikosaponin C

CAS Registry Number: 20736-08-7

Molecular Formula: $\text{C}_{48}\text{H}_{78}\text{O}_{17}$

Molecular Weight: 927.134

Accurate Mass: 926.523905

Percentage Composition: C 62.18%; H 8.48%; O 29.34%

Biological Source: Constit. of *Bupleurum falcatum*

Physical Description: Cryst.

Melting Point: Mp 202-210°

Optical Rotation: $[\alpha]_D +4.3$ (EtOH)

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→3)-β-D-fucopyranoside]

Synonym(s): Saikosaponin E

CAS Registry Number: 64340-44-9

Molecular Formula: $\text{C}_{42}\text{H}_{68}\text{O}_{12}$

Molecular Weight: 764.992

Accurate Mass: 764.47108

Percentage Composition: C 65.94%; H 8.96%; O 25.10%

Biological Source: Constit. of *Bupleurum falcatum*

Physical Description: Cryst.

Melting Point: Mp 227-230°

Optical Rotation: $[\alpha]_D +40.8$ (MeOH)

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-galactopyranoside]

Synonym(s): Corchorusin D

CAS Registry Number: 108886-04-0

Molecular Formula: $\text{C}_{42}\text{H}_{68}\text{O}_{13}$

Molecular Weight: 780.991

Accurate Mass: 780.465995

Percentage Composition: C 64.59%; H 8.78%; O 26.63%

Biological Source: Constit. of *Corchorus acutangulus*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 210-212°

Optical Rotation: $[\alpha]_D +40$ (c, 1.2 in MeOH)

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→3)-[β-D-glucopyranosyl-(1→2)]-β-D-fucopyranoside]

Synonym(s): Clinoposaponin XI

CAS Registry Number: 159122-01-7

Molecular Formula: $\text{C}_{48}\text{H}_{78}\text{O}_{17}$

Molecular Weight: 927.134

Accurate Mass: 926.523905

Percentage Composition: C 62.18%; H 8.48%; O 29.34%

Biological Source: Constit. of *Clinopodium chinense* var. *parviflorum*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{23} +41.3$ (c, 1.43 in MeOH)

References: