



Percentage Composition: C 63.30%; H 8.60%; O 28.10%
Biological Source: Constit. of *Clinopodium chinense* var. *parviflorum*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{18} +12.5$ (c, 0.21 in MeOH)

>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranosyl-(1 $\rightarrow$ 3)- β -D-fucopyranoside]
Synonym(s): Chikusaikoside I. Saikosaponin S2

CAS Registry Number: 84954-97-2

Molecular Formula: C₄₇H₇₆O₁₇
Molecular Weight: 913.107
Accurate Mass: 912.508255
Percentage Composition: C 61.82%; H 8.39%; O 29.79%
Biological Source: Constit. of *Bupleurum longeradiatum*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{23} +36.8$ (c, 1.9 in EtOH)

>>**Derivative:** 3-*O*-[β -D-Glucopyranosyl-(1 $\rightarrow$ 6)-[α -L-rhamnopyranosyl-(1 $\rightarrow$ 4)]- β -D-glucopyranoside]
Synonym(s): Chikusaikoside II

Molecular Formula: C₄₈H₇₈O₁₈
Molecular Weight: 943.133
Accurate Mass: 942.51882
Percentage Composition: C 61.13%; H 8.34%; O 30.54%
Biological Source: Constit. of *Bupleurum longeradiatum*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{25} +11.2$ (c, 1 in EtOH)
Other Data: Incorrectly indexed in CAS

>>**Derivative:** 3-*O*-[β -D-Glucopyranosyl-(1 $\rightarrow$ 2)-[β -D-glucopyranosyl-(1 $\rightarrow$ 3)]- β -D-fucopyranoside]
Synonym(s): Bupleuroside I

CAS Registry Number: 197705-35-4

Molecular Formula: C₄₈H₇₈O₁₈
Molecular Weight: 943.133
Accurate Mass: 942.51882
Percentage Composition: C 61.13%; H 8.34%; O 30.54%
Biological Source: Constit. of *Bupleurum spinosum*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{25} +15.7$ (c, 0.06 in MeOH)

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

CAS Registry Number: 139523-30-1

Molecular Formula: C₄₈H₇₈O₁₈
Molecular Weight: 943.133
Accurate Mass: 942.51882
Percentage Composition: C 61.13%; H 8.34%; O 30.54%
Biological Source: Constit. of *Bupleurum* spp.

>>**Derivative:** 3-*O*-[β -D-Glucopyranosyl-(1 $\rightarrow$ 2)-[4-sulfo- β -D-glucopyranosyl-(1 $\rightarrow$ 3)]- β -D-fucopyranoside]
Synonym(s): Sandrosaponin I

CAS Registry Number: 214263-43-1

Molecular Formula: C₄₈H₇₈O₂₁S
Molecular Weight: 1023.198
Accurate Mass: 1022.475635
Percentage Composition: C 56.35%; H 7.68%; O 32.84%; S 3.13%
Biological Source: Constit. of *Bupleurum rigidum*
Physical Description: Amorph. powder
Melting Point: Mp 282-285 dec.°
Optical Rotation: $[\alpha]_D +47.8$ (c, 0.22 in MeOH)
UV: [neutral] $\lambda_{\max}$ 242 (log ϵ 2.93); 251 (log ϵ 2.96); 260 (log ϵ 2.86) (MeOH)