



CAS Registry Number: 107870-05-3

Molecular Formula: C₃₆H₅₆O₉

Molecular Weight: 632.833

Accurate Mass: 632.392435

Percentage Composition: C 68.33%; H 8.92%; O 22.75%

Biological Source: Isol. from *Canthium* and *Remijia* spp.

Melting Point: Mp 237-238°

Optical Rotation: [α]_D +57 (c, 1 in EtOH)

>>**Derivative:** 3-*O*-(6-Deoxy-2-*O*-sulfo- β -D-glucopyranoside), 27-*O*- β -D-glucopyranosyl ester

Synonym(s): Zygophyloside F

CAS Registry Number: 171980-77-1

Molecular Formula: C₄₂H₆₆O₁₇S

Molecular Weight: 875.039

Accurate Mass: 874.402075

Percentage Composition: C 57.65%; H 7.60%; O 31.08%; S 3.66%

Biological Source: Constit. of *Zygophyllum coccineum*, *Zygophyllum album* and *Zygophyllum dumosum*

Physical Description: Amorph. powder

Melting Point: Mp 278-280°

Optical Rotation: [α]_D²⁵ +23 (c, 0.25 in MeOH)

>>**Derivative:** 3-*O*-(6-Deoxy-2-*O*-sulfo- β -D-glucopyranoside), 28-*O*- β -D-glucopyranosyl ester

CAS Registry Number: 149732-53-6

Molecular Formula: C₄₂H₆₆O₁₇S

Molecular Weight: 875.039

Accurate Mass: 874.402075

Percentage Composition: C 57.65%; H 7.60%; O 31.08%; S 3.66%

Biological Source: Constit. of *Zygophyllum coccineum*

>>**Derivative:** 3-*O*-[α -L-Arabinopyranosyl-(1 $\rightarrow$ 2)-6-deoxy- β -D-glucopyranoside], 28-*O*- β -D-glucopyranosyl ester

Synonym(s): Zygophyloside H

CAS Registry Number: 188554-60-1

Molecular Formula: C₄₇H₇₄O₁₈

Molecular Weight: 927.091

Accurate Mass: 926.48752

Percentage Composition: C 60.89%; H 8.05%; O 31.06%

Biological Source: Constit. of *Zygophyllum coccineum* and *Zygophyllum dumosum*

Physical Description: Cryst.

Melting Point: Mp 215-219°

Optical Rotation: [α]_D²⁵ +36 (c, 0.17 in MeOH)

>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1 $\rightarrow$ 3)- α -L-rhamnopyranoside]

Synonym(s): Gongganoside A

CAS Registry Number: 161161-63-3

Molecular Formula: C₄₁H₆₄O₁₃

Molecular Weight: 764.949

Accurate Mass: 764.434695

Percentage Composition: C 64.38%; H 8.43%; O 27.19%

Biological Source: Constit. of *Bhesa paniculata*