



**CAS Registry Number:** 107870-05-3

**Molecular Formula:** C<sub>36</sub>H<sub>56</sub>O<sub>9</sub>

**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:** [ $\alpha$ ]<sub>D</sub> +57 (c, 1 in EtOH)

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

**Synonym(s):** Zygophyloside F

**CAS Registry Number:** 171980-77-1

**Molecular Formula:** C<sub>42</sub>H<sub>66</sub>O<sub>17</sub>S

**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:** [ $\alpha$ ]<sub>D</sub><sup>25</sup> +23 (c, 0.25 in MeOH)

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

**CAS Registry Number:** 149732-53-6

**Molecular Formula:** C<sub>42</sub>H<sub>66</sub>O<sub>17</sub>S

**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*-[ $\alpha$ -L-Arabinopyranosyl-(1 $\rightarrow$ 2)-6-deoxy- $\beta$ -D-glucopyranoside], 28-*O*- $\beta$ -D-glucopyranosyl ester

**Synonym(s):** Zygophyloside H

**CAS Registry Number:** 188554-60-1

**Molecular Formula:** C<sub>47</sub>H<sub>74</sub>O<sub>18</sub>

**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:** [ $\alpha$ ]<sub>D</sub><sup>25</sup> +36 (c, 0.17 in MeOH)

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

**Synonym(s):** Gongganoside A

**CAS Registry Number:** 161161-63-3

**Molecular Formula:** C<sub>41</sub>H<sub>64</sub>O<sub>13</sub>

**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*