



>>Derivative: 3-*O*-[ $\alpha$ -L-Rhamnopyranosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucopyranoside]

Synonym(s): Collettinside II

CAS Registry Number: 88668-52-4

Molecular Formula: C<sub>39</sub>H<sub>62</sub>O<sub>12</sub>

Molecular Weight: 722.912

Accurate Mass: 722.42413

Percentage Composition: C 64.80%; H 8.64%; O 26.56%

Biological Source: Constit. of *Dioscorea collettii*

>>Derivative: 3-*O*-[ $\alpha$ -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- $\beta$ -D-glucopyranoside]

Synonym(s): Adscendin A

CAS Registry Number: 91095-74-8

Molecular Formula: C<sub>39</sub>H<sub>62</sub>O<sub>12</sub>

Molecular Weight: 722.912

Accurate Mass: 722.42413

Percentage Composition: C 64.80%; H 8.64%; O 26.56%

Biological Source: Constit. of *Asparagus adscendens*

Physical Description: Cryst.

Melting Point: Mp 219-221°

Optical Rotation:  $[\alpha]_D^{20}$  -102 (c, 1 in Py)

>>Derivative: 3-*O*-[ $\alpha$ -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)-[ $\alpha$ -L-arabinopyranosyl-(1 $\rightarrow$ 3)]- $\beta$ -D-glucopyranoside]

CAS Registry Number: 253874-59-8

Molecular Formula: C<sub>44</sub>H<sub>70</sub>O<sub>16</sub>

Molecular Weight: 855.027

Accurate Mass: 854.46639

Percentage Composition: C 61.81%; H 8.25%; O 29.94%

Biological Source: Constit. of *Agave ferox*

>>Derivative: 3-*O*-[ $\alpha$ -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)-[ $\beta$ -D-xylopyranosyl-(1 $\rightarrow$ 3)]- $\beta$ -D-glucopyranoside]

Synonym(s): Glycoside L<sub>S</sub>-7

CAS Registry Number: 87480-46-4

Molecular Formula: C<sub>44</sub>H<sub>70</sub>O<sub>16</sub>

Molecular Weight: 855.027

Accurate Mass: 854.46639

Percentage Composition: C 61.81%; H 8.25%; O 29.94%

Biological Source: Constit. of *Liriope spicata* var. *prolifera*

Physical Description: Needles (MeOH)

Melting Point: Mp 279-282 dec.°

Optical Rotation:  $[\alpha]_D$  -54.4 (c, 0.23 in Py)

>>Derivative: 3-*O*-[ $\alpha$ -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)-[ $\alpha$ -L-rhamnopyranosyl-(1 $\rightarrow$ 3)]- $\beta$ -D-glucopyranoside]

Synonym(s): Hypoglaucin A

CAS Registry Number: 93528-39-3

Molecular Formula: C<sub>45</sub>H<sub>72</sub>O<sub>16</sub>

Molecular Weight: 869.054

Accurate Mass: 868.48204

Percentage Composition: C 62.19%; H 8.35%; O 29.46%

Biological Source: Constit. of *Dioscorea collettii hypoglauca* and *Asparagus plumosus*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 295-296°

Optical Rotation:  $[\alpha]_D^{25}$  -99 (c, 0.9 in CHCl<sub>3</sub>/MeOH)