Physical Description: Amorph.

>>**Variant:** (3β,5β,22ξ,25*S*)-form

Molecular Formula: $C_{27}H_{46}O_4$
Molecular Weight: 434.658
Accurate Mass: 434.33961
Percentage Composition: C 74.61%; H 10.67%; O 14.72%

>>**Derivative:** 3-*O*-[α-L-Rhamnopyranosyl-(1→6)-β-D-glucopyranoside], 26-β-D-glucopyranoside
Synonym(s): Asp V

CAS Registry Number: 72947-84-3

Molecular Formula: $C_{45}H_{76}O_{18}$
Molecular Weight: 905.085
Accurate Mass: 904.50317
Percentage Composition: C 59.72%; H 8.46%; O 31.82%
Biological Source: Constit. of *Asparagus cochinchinensis*
Physical Description: Powder (Me_2CO/MeOH)
Melting Point: Mp 150-160 dec.°
Optical Rotation: $[\alpha]_D^{24}$ –56.5 (c, 1 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→3)-β-D-glucopyranosyl-(1→2)-[β-D-xylopyranosyl-(1→3)]-β-D-glucopyranosyl-(1→4)-β-D-galactopyranoside], 26-*O*-β-D-glucopyranoside
Synonym(s): Sativoside R1

CAS Registry Number: 126594-43-2

Molecular Formula: $C_{62}H_{104}O_{33}$
Molecular Weight: 1377.484
Accurate Mass: 1376.645995
Percentage Composition: C 54.06%; H 7.61%; O 38.33%
Biological Source: Constit. of *Allium sativum* (garlic)
Physical Description: Powder + $2H_2O$ (Me_2CO aq.)
Optical Rotation: $[\alpha]_D^{26}$ –45 (c, 0.59 in Py)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-galactopyranoside], 26-*O*-β-D-glucopyranoside

CAS Registry Number: 136656-07-0

Molecular Formula: $C_{45}H_{76}O_{19}$
Molecular Weight: 921.084
Accurate Mass: 920.498085
Percentage Composition: C 58.68%; H 8.32%; O 33.00%
Biological Source: Constit. of *Anemarrhena asphodeloides*
Physical Description: Cryst.
Other Data: Mp >243° dec.

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-[β-D-glucopyranosyl-(1→3)]-β-D-glucopyranosyl-(1→4)-β-D-galactopyranoside], 26-*O*-β-D-glucopyranoside
Synonym(s): Timosaponin BV

CAS Registry Number: 215051-32-4

Molecular Formula: $C_{57}H_{96}O_{29}$
Molecular Weight: 1245.368
Accurate Mass: 1244.603735
Percentage Composition: C 54.97%; H 7.77%; O 37.26%
Biological Source: Constit. of *Anemarrhena asphodeliodes*