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## Product Data Sheet

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Product Name: Bernardioside A

Cat. No.: GC35498

**Chemical Properties**

Cas. No. 121368-52-3

SMILES C[C@]12[C@]3(C([C@@]4([H])[C@](C(O)=O)(CCC(C)(C)C4)[C@H](O)C3)=CC[C@]1([H])[C@@]5([C@@]([C@@](C)([C@@H](O[C@]6([H])O[C@@H]([C@@H](O)[C@H](O)[C@H]6O)CO)[C@@H](O)C5)CO)([H])CC2)C)C

Formula	C <sub>36</sub> H <sub>58</sub> O <sub>11</sub>	M.Wt	666.84
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Bernardioside A is a triterpenoid saponin isolated from *Bellis bernardii*[1][2].

[1]. SchÖpke T, et al. Triterpenoid saponins from *Bellis bernardii*. *J Nat Prod.* 1996 Oct;59(10):939-43. [2]. Wang YM, et al. Isolation and Identification of Saponins from the Natural Pasturage *Asterothamnus centrali-asiaticus* Employing Preparative Two-Dimensional Reversed-Phase Liquid Chromatography/Hydrophilic Interaction Chromatography. *J Agric Food Chem.* 2016 Jun 22;64(24):4950-7.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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