
Product Data Sheet

Product Name: Bayogenin 3-O-β-D-glucopyranoside

Cat. No.: GC35479

Chemical Properties

Cas. No. 104513-86-2

SMILES C[C@]12[C@@](CC=C3[C@]2(CC[C@]4(C(O)=O)[C@@]3([H])CC(C)(C)CC4)C([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])CC1)C

Formula C₃₆H₅₈O₁₀ M.Wt 650.84

Solubility Soluble in DMSO Storage Store at -20°C

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**

Bayogenin 3-O-β-D-glucopyranoside, a triterpenoid saponin isolated from *Polygala japonica*, possesses anti-inflammatory activities[1].

[1]. Wang H, et al. Anti-inflammatory activities of triterpenoid saponins from *Polygala japonica*. *Phytomedicine*. 2008 May;15(5):321-6.

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

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