
Product Data Sheet

Product Name: Protopanaxatriol

Cat. No.: GN10263

Chemical Properties

Cas. No. 1453-93-6

Chemical Name 17-(2-hydroxy-6-methylhept-5-en-2-yl)-4,4,8,10,14-pentamethyl-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthrene-3,6,12-triol

SMILES CC(=CCCC(C)(C1CCC2(C1C(CC3C2(CC(C4C3(CCC(C4(C)C)O)C)O)C)O)C)O)CFormula C₃₀H₅₂O₄

M.Wt 476.73

Solubility DMSO : ≥ 47 mg/mL (98.59 mM)

Storage

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**

Protopanaxadiol is a ginseng saponin that enhances axonal and dendritic formation activity. Shown to have characteristic effects on the proliferation of human leukemia cells in vitro.

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

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