
Product Data Sheet

Product Name: Hederagenin 28-O-beta-D-glucopyranosyl ester

Cat. No.: GC36214

Chemical Properties

Cas. No. 53931-25-2

SMILES O=C([C@]1(CCC(C)(C)C2)[C@]2([H])C3=CC[C@@]4([H])[C@@](C)(CC[C@]5([H])[C@@]4(CC[C@H](O)[C@@]5(C)CO)C)[C@]3(C)CC1)O[C@@H]([C@@H]([C@@H](O)[C@@H]6O)O)O[C@@H]6CO

Formula C₃₆H₅₈O₉ M.Wt 634.84

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**

Hederagenin 28-O-beta-D-glucopyranosyl ester, a triterpenoid saponin isolated from *Ilex cornuta*, exhibits protective effects against H₂O₂-induced myocardial cell injury[1].

[1]. Li S, et al. New triterpenoid saponins from *Ilex cornuta* and their protective effects against H₂O₂-induced myocardial cell injury. *J Agric Food Chem.* 2014 Jan 15;62(2):488-96.

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

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