

Product Data Sheet

Product Name: Rosamultin

Cat. No.: GC39068

Chemical Properties

Cas. No. 88515-58-6

SMILES OC[C@H]([C@@H](O)[C@H](O)[C@H]1O)O[C@H]1OC([C@]23[C@]([C@](O)([C@H](C)CC3C)([H])C4=CC[C@@]([C@@]5([C@@](C(C)[C@@H](O)[C@H](O)C5)C)([H])CC6C)([H])[C@]6(C)[C@]4(C)CC2)=O

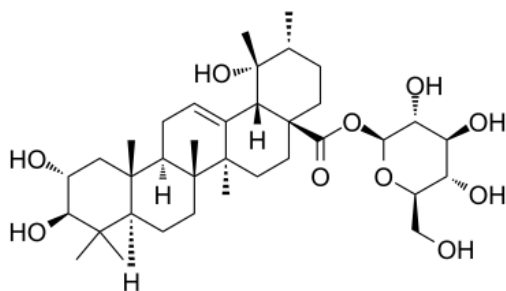
Formula $C_{36}H_{58}O_{10}$ M.Wt 650.84

Solubility Soluble in DMSO Storage 4°C, protect from light

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

Rosamultin is a 19 α-hydroxyursane-type triterpenoid isolated from *Potentilla anserina* L. Rosamultin has inhibitory effects against HIV-1 protease[1]. Rosamultin has the potential for treating H₂O₂-induced oxidative stress injury through its antioxidant and antiapoptosis effects[2].

[1]. Zhang L, et al. Protective Effect of Rosamultin against H₂O₂-Induced Oxidative Stress and

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

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Apoptosis in H9c2 Cardiomyocytes.Oxid Med Cell Longev. 2018 Jul 16;2018:8415610. [2]. Park JC, et al. Anti-HIV protease activity from rosa family plant extracts and rosamultin from Rosa rugosa.J Med Food. 2005 Spring;8(1):107-9.

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