

Product Data Sheet

Product Name: Picfeltarraenin IB

Cat. No.: GC36915

Chemical Properties

Cas. No. 97230-46-1

SMILES C[C@]([C@]([C@]1(OC(C(C)C)=CC1=O)C)([H])[C@H](O)C2)(CC3=O)[C@@]2([C@@](CC=C4[C@@]5([H])CC[C@@H](O[C@@](O[C@H](CO)[C@@H](O)[C@@H]6O)([H])[C@@H]6O[C@@](O[C@@H](C)[C@H](O)[C@H]7O)([H])[C@@H]7O)C4(C)C)([H])[C@@]35C)C

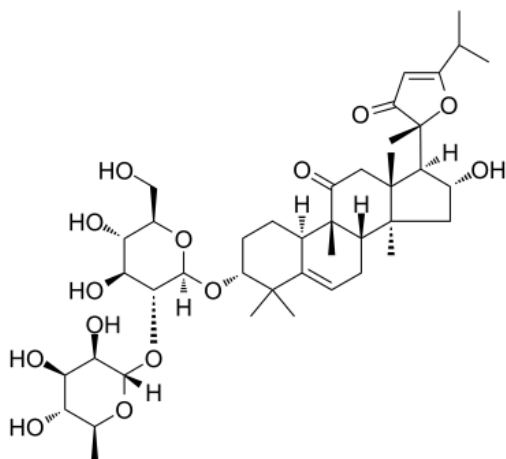
Formula C₄₂H₆₄O₁₄ M.Wt 792.95

Solubility DMSO : 250 mg/mL (315.28 mM; Need ultrasonic) 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

Picfeltarraenin IB, a triterpenoid obtained from Picriafel-terrae Lour (P.fel-terrae), is an

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

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acetylcholinesterase (AChE) inhibitor. Picfeltarraenin IB can be used for the treatment of herpes infections, cancer and inflammation[1]. AChE[1]

[1]. Wen L, et al. Bioassay- and liquid chromatography/mass spectrometry-guided acetylcholinesterase inhibitors from Picriafel-terrae. Pharmacogn Mag. 2013 Oct;9(Suppl 1):S25-31.

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