
Product Data Sheet

Product Name: 6''-O-Acetylsaikosaponin A

Cat. No.: GC60534

Chemical Properties

Cas. No. 64340-46-1

SMILES C[C@@]1(C[C@@H]2O)[C@]3(C=C[C@@]4([H])[C@]1(CC[C@]([C@@](C)5CO)([H])[C@@]4(CC[C@@H]5O[C@H](O[C@@H]6C)[C@@H]([C@H]([C@H]6O)O[C@@H]([C@@H]([C@H]7O)O)O[C@@H]([C@H]7O)COC(C)=O)O)C)C)[C@@](CC8(C)C)([H])[C@@]2(CC8)CO3

Formula C₄₄H₇₀O₁₄

M.Wt 823.02

Solubility DMSO : 100 mg/mL (121.50 mM; Need ultrasonic) 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**

6''-O-Acetylsaikosaponin A, an acetyl saikosaponin isolated from the roots of Bupleurum chinense, shows some osteoclast-inhibiting activities[1].

The major bioactive compounds isolated from R. bupleuri are saikosaponins, which have been proved to possess significant biological activities, including anti-hepatitis, anti-inflammatory, anti-tumor and immunoregulatory effects[2].

[1]. Yu JQ, et al. Osteoclast-inhibiting saikosaponin derivatives from Bupleurum chinense. Fitoterapia. 2013;85:101-108. [2]. Huang HQ, et al. Fast determination of saikosaponins in Bupleurum by rapid resolution liquid chromatography with evaporative light scattering detection. J Pharm Biomed Anal. 2009;49(4):1048-1055.

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

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