
Product Data Sheet

Product Name: Prosaikogenin D

Cat. No.: GC61209

Chemical Properties

Cas. No. 103629-72-7

SMILES O[C@H]([C@H]([C@H]([C@@H](C)O1)O)O)[C@@H]1O[C@@H]2CC[C@]3(C)[C@@]4([H])C=CC5=C6CC(C)(C)CC[C@@](CO)6[C@@H](O)C[C@](C)5[C@@](C)4CC[C@]([H])3[C@@]2(C)CO

Formula C₃₆H₅₈O₈ M.Wt 618.84

Solubility 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**

Prosaikogenin D, isolated from the roots of Buleurum bicaule Helm (Apiaceae), has anti-cancer activity[1][2].

Prosaikogenin D (20, 40, 60 µg/mL) suppresses the proliferation of A549 cells with an IC₅₀ of 57.2 µg/mL[2].

[1]. Nan Xu, et al. A new saikogenin from the roots of Bupleurum bicaule. Chin J Nat Med. 2014 Apr;12(4):305-8. [2]. Lu Shi, et al. A Potential Anti-cancer Compound Separated from the Chloroform Extract of the Chinese Medicine Formula Shenqi San. Curr Med Sci. 2020 Feb;40(1):138-144.

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

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