
Product Data Sheet

Product Name: Protodeltonin

Cat. No.: GC60308

Chemical Properties

Cas. No. 94992-08-2

SMILES C[C@@]12[C@](C[C@@]3([H])[C@]2([H])[C@@H](C(CC[C@@H](C)CO[C@@H]4O[C@@H]([C@@H](O)[C@H](O)[C@H]4O)CO)(O)O3C)([H])[C@@]5([H])[C@]([C@@]6(C(C[C@@H](O[C@@]7([H])[C@@H]([C@H]([C@H](O[C@]8([H])O[C@@H]([C@@H](O)[C@H](O)[C@H]8O)CO)[C@@H](CO)O7)O)O[C@@]9([H])[C@@H]([C@@H]([C@@H](O)[C@H](C)O9)O)O)CC6)=CC5C)([H])CC1

Formula C₅₁H₈₄O₂₃

M.Wt

1065.2

Solubility

Storage

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**

Protodeltonin is a steroidal saponin from *Dioscorea zingiberensis* Wright, with anti-proliferation activity[1].

[1]. Tong QY, et al. Cytotoxicity and apoptosis-inducing effect of steroidal saponins from *Dioscorea zingiberensis* Wright against cancer cells. *Steroids*. 2012 Oct;77(12):1219-27.

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

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