
Product Data Sheet

Product Name: Uvarigrin

Cat. No.: GC38374

Chemical Properties

Cas. No. 200563-11-7

SMILES O=C1C(CCCCCCCCCCCC[C@H](O)C[C@H]([C@]2([H])O[C@]([C@H](O)CCCCCCCCCCC)([H])CC2)O)=C[C@H](C)O1Formula C₃₇H₆₈O₆ M.Wt 608.93

Solubility Soluble in DMSO 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**

Uvarigrin, isolated from the roots of *Uvaria calamistrata*, induces tumor multidrug resistance cell apoptosis and triggers Caspase-9 activation[1][2].

[1]. Zhou GX, et al. Calamistrins A and B, two new cytotoxic monotetrahydrofuran annonaceous acetogenins from *Uvaria calamistrata*. *J Nat Prod.* 1999 Feb;62(2):261-4.

[2]. Li YF, et al. Induction of apoptosis of tumor multidrug resistance cell by uvarigrin and its mechanism. *Yao Xue Xue Bao.* 2006 Mar;41(3):252-6.

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

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