
Product Data Sheet

Product Name: Isocucurbitacin B

Cat. No.: GC39092

Chemical Properties

Cas. No. 17278-28-3

SMILES C[C@]12[C@@]([C@]([C@@](C)(O)C(/C=C/C(C)(C)OC(C)=O)=O)([H])[C@H](O)C1)(CC([C@]3(C)[C@@]2([H])CC=C4[C@@]3([H])CC([C@@H](O)C4(C)C)=O)=O)C

Formula C₃₂H₄₆O₈ M.Wt 558.7

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**

Isocucurbitacin B is a potent cytotoxic compound isolated from *Helicteres rswa* L. (Sterculiaceae). Isocucurbitacin B possesses anti-tumor activity[1][2].

[1]. MF Bean, et al. Cucurbitacin B and isocucurbitacin B: cytotoxic components of *Helicteres isora*. *Journal of Natural Products*. 1985. [2]. SM Kupchan, et al. Tumor Inhibitors. XXIII.1 The Cytotoxic Principles of *Marah oreganus*.H. Cytotoxic principles of *Marah oreganus* H. 1976.

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

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