
Product Data Sheet

Product Name: Tubuloside B

Cat. No.: GC61361

Chemical Properties

Cas. No. 112516-04-8

SMILES CC(O[C@@H]([C@@H](O1)OCCC(C=C2)=CC(O)=C2O)[C@H]([C@@H]([C@H]1COC(/C=C/C(C=C3)=CC(O)=C3O)=O)O)[C@H](O[C@H]4C)[C@@H]([C@@H]([C@H]4O)O)O)=O

Formula C₃₁H₃₈O₁₆

M.Wt

666.62

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**

Tubuloside B, one of the phenylethanoids isolated from the stems of *Cistanche salsa*, inhibits TNF α -induced apoptosis. Tubuloside B possesses antioxidative effects[1][2].

Pretreatment with tubuloside B (1, 10, or 100 mg/L) for 2 h attenuates the TNF α -mediated apoptosis[1].

[1]. Min Deng, et al. Protective effect of tubuloside B on TNF α -induced apoptosis in neuronal cells. *Acta Pharmacol Sin.* 2004 Oct;25(10):1276-84. [2]. Q Xiong, et al. Antioxidative effects of phenylethanoids from *Cistanche deserticola*. *Biol Pharm Bull.* 1996 Dec;19(12):1580-5.

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

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