

Product Data Sheet

Product Name: SCH 38519

Cat. No.: GC44877

Chemical Properties

Cas. No. 114970-20-6

SMILES OC1=CC2=C([C@@]3([H])C[C@@H](N(C)C)[C@H](O)[C@]2(C)O3)C4=C1C(C([C@@H](C)O[C@@](C5)([H])[C@]6([H])OC5=O)=C6C4=O)=O

Formula C₂₄H₂₅NO₈

M.Wt 455.5

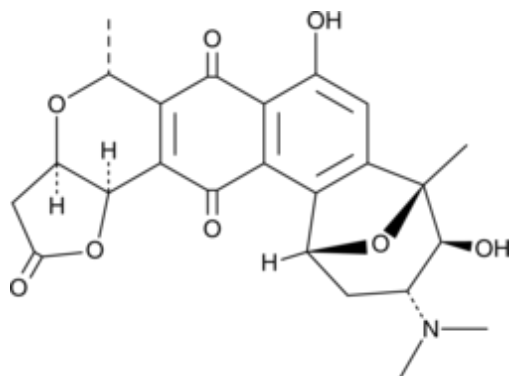
Solubility Soluble in DMSO

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

SCH 38519 is an isochromanequinone fungal metabolite originally isolated from *Thermomonospora*. It inhibits aggregation induced by thrombin , as well as inhibits serotonin secretion in human platelets (IC₅₀s = 68 and 61 µg/ml, respectively). It inhibits the growth of various Gram-negative and Gram-positive bacteria (mean MICs = 122.1 and 0.92 µg/ml, respectively).

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

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