
Product Data Sheet

Product Name: Echinulin
Cat. No.: GC18222

Chemical Properties

Cas. No. 1859-87-6

Chemical Name (3S,6S)-3-[[2-(1,1-dimethyl-2-propen-1-yl)-5,7-bis(3-methyl-2-buten-1-yl)-1H-indol-3-yl]methyl]-6-methyl-2,5-piperazinedione

SMILES C/C(C)=C\CC1=C2C(C(C[C@H]3C(N[C@@H](C)C(N3)=O)=O)=C(C(C)(C)C=C)N2)=CC(C/C=C(C)/C)=C1

Formula C₂₉H₃₉N₃O₂ M.Wt 461.6

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

Echinulin is a diketopiperazine metabolite found in fungi that, when administered to rabbits, at a dose of 10 mg/kg, leads to liver and lung damage. It has no activity at the δ , κ , or u-opioid receptors or the cannabinoid CB1 and CB2 receptors.

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

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