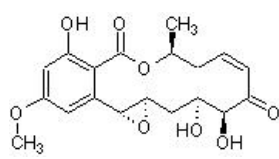


Product datasheet

Hypothemycin, MEK inhibitor ab144277

1 References 1 Image

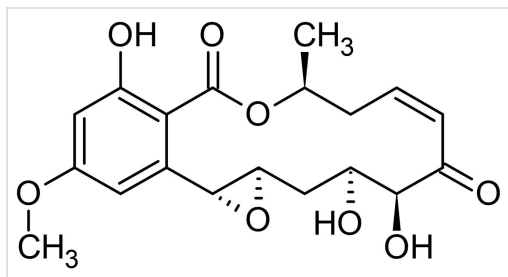
Overview

Product name	Hypothemycin, MEK inhibitor
Description	Potent, selective MEK inhibitor. Antiproliferative agent.
Biological description	Potent, selective MEK inhibitor. Antiproliferative agent. Reduces expression of Ras-inducible genes (MMP-1, MMP-9, TGF-β and VEGF). Inhibits growth of cancer cell lines (IC ₅₀ values are 78 and 900 μM for HT29 and HCT116 respectively). Shows antifungal effects <i>in vivo</i> .
Purity	> 98%
CAS Number	76958-67-3
Chemical structure	

Properties

Molecular weight	378.37
Molecular formula	C ₁₉ H ₂₂ O ₈
PubChem identifier	5458809
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CC1C/C=C\C(=O)[C@H]2[C@H](O2)C[C@@H]([C@H](C3=CC(=CC(=C3C(=O)O1)O)OC)O)O</chem>
Source	<i>Phoma sp.</i>

Images



2D chemical structure image of ab144277, Hypothemycin, MEK inhibitor

Chemical Structure - Hypothemycin, MEK inhibitor
(ab144277)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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