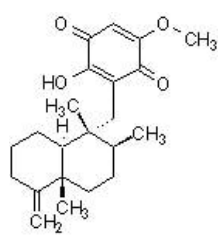


Product datasheet

Ilimaquinone, Cytoplasmic microtubule inhibitor ab141625

1 Image

Overview

Product name	Ilimaquinone, Cytoplasmic microtubule inhibitor
Description	Cytoplasmic microtubule inhibitor. Disrupts Golgi membranes.
Biological description	Induces depolymerisation of cytoplasmic microtubules. Induces a reversible vesiculation of Golgi membranes blocking downstream protein transport. Inhibitor of gap junction communications. Cell-permeable. Anti-inflammatory and anticancer activity.
Purity	> 98%
CAS Number	71678-03-0
Chemical structure	

Properties

Chemical name	3-[[[(1R,2S,4aS,8aS)-1,2,4a-Trimethyl-5-methylidene-3,4,6,7,8,8a-hexahydro-2H-naphthalen-1-yl]methyl]-2-hydroxy-5-methoxycyclohexa-2,5-diene-1,4-dione
Molecular weight	358.50
Molecular formula	C ₂₂ H ₃₀ O ₄
PubChem identifier	72291
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 50 mM and in ethanol to 50 mM
Handling	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.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

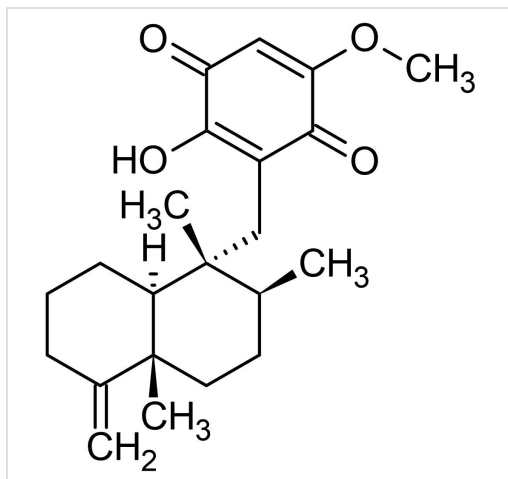
SMILES

CC1CCC2(C(C1(C)CC3=C(C(=O)C=C(C3=O)OC)O)CCCC2=C)C

Source

Synthetic

Images



Chemical Structure - Ilimaquinone, Cytoplasmic microtubule inhibitor (ab141625)

2D chemical structure image of ab141625, Ilimaquinone, Cytoplasmic microtubule inhibitor

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

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