

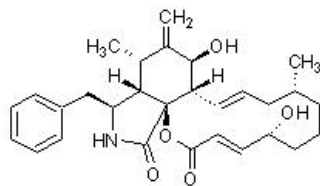
Product datasheet

Cytochalasin B, actin polymerization inhibitor
ab143482

★★★★★ 1 Abreviews 1 References 1 Image

Overview

Product name	Cytochalasin B, actin polymerization inhibitor
Description	Cell permeable actin polymerization inhibitor. Reversible $K_v1.5$ blocker.
Biological description	Cell permeable actin polymerization inhibitor. Reversible $K_v1.5$ blocker ($IC_{50} = 4 \mu M$). Inhibits $I(Kur)$. Cytochalasin A (ab143481) analog. Inhibits transport of monosaccharides across the cell membrane. Shows antitumor effects <i>in vivo</i> .
Purity	> 97%
CAS Number	14930-96-2
Chemical structure	



Properties

Chemical name	(3E,5R,9R,11E,12aS,13S,15S,15aS,16S,18aS)-6,7,8,9,10,12a,13,14,15,15a,16,17-Dodecahydro-5,13-dihydroxy-9,15-dimethyl-14-methylene-16-(phenylmethyl)-2H-oxacyclotetradecino[2,3-d]isoindole-2,18(5H)-dione
Molecular weight	479.61
Molecular formula	$C_{29}H_{37}NO_5$
PubChem identifier	5311281
Storage instructions	Store at $-20^{\circ}C$. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 10 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 $-20^{\circ}C$. 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.

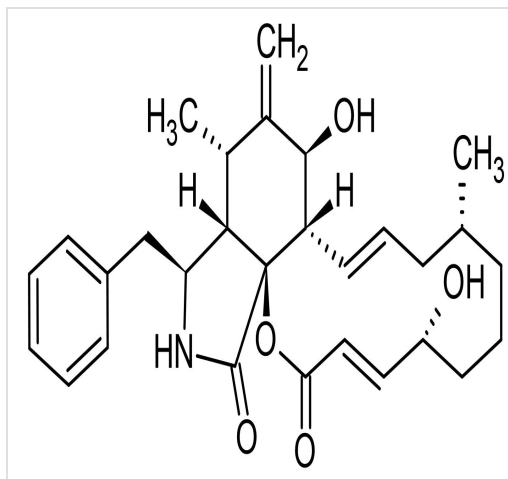
SMILES

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Source

Drechslera dematoidea

Images



2D chemical structure image of ab143482, Cytochalasin B, actin polymerization inhibitor

Chemical Structure - Cytochalasin B, actin polymerization inhibitor (ab143482)

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