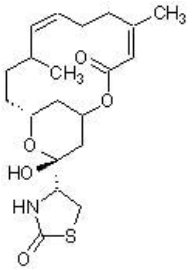


Product datasheet

Latrunculin B, actin polymerization inhibitor ab144291

[25 References](#) [1 Image](#)

Overview

Product name	Latrunculin B, actin polymerization inhibitor
Description	Cell-permeable actin polymerization inhibitor
Purity	> 96%
CAS Number	76343-94-7
Chemical structure	

Properties

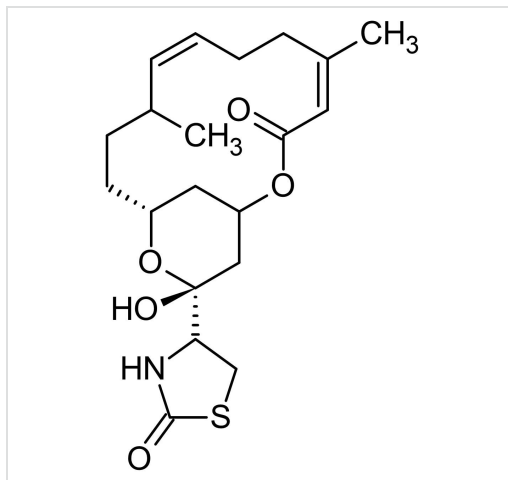
Chemical name	(4 <i>R</i>)-4-[(1 <i>R</i> ,4 <i>S</i> ,5 <i>Z</i> ,9 <i>Z</i> ,13 <i>R</i> ,15 <i>R</i>)-15-Hydroxy-4,9-dimethyl-11-oxo-12,16-dioxabicyclo[11.3.1]heptadeca-5,9-dien-15-yl]-1,3-thiazolidin-2-one
Molecular weight	395.51
Molecular formula	C ₂₀ H ₂₉ NO ₅ S
PubChem identifier	6436219
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
Solubility overview	Soluble in DMSO (25 mg/ml) or ethanol (25 mg/ml)
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>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES

C[C@H]1CC[C@@H]2C[C@H](C[C@@](O2)([C@@H]3CSC(=O)N3)O)C(=O)/C=C(\CC/C=C1)/C

Source

Latrunclia magnifica

Images

Chemical Structure - Latrunculin B, actin polymerization inhibitor (ab144291)

2D chemical structure image of ab144291, Latrunculin B, actin polymerization 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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