

Product datasheet

# 16-epi-Latrunculin B, F-actin depolymerizing macrolide ab144292

1 Image

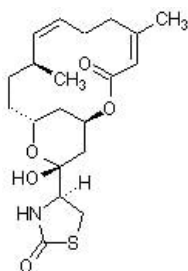
Overview

<b>Product name</b>	16-epi-Latrunculin B, F-actin depolymerizing macrolide
<b>Description</b>	Highly selective F-actin depolymerizing and bioactive macrolide
<b>Biological description</b>	Highly selective F-actin depolymerizing and bioactive macrolide. Antiviral (against herpes simplex type 1 virus (HSV-1)). Cytotoxic. Active <i>in vitro</i> .

[See similar compounds](#)

**Purity** > 95%

**Chemical structure**



Properties

<b>Chemical name</b>	(4S)-4-[(1R,4S,5Z,9Z,13R,15R)-15-Hydroxy-4,9-dimethyl-11-oxo-12,16-dioxabicyclo[11.3.1]heptadeca-5,9-dien-15-yl]-1,3-thiazolidin-2-one
<b>Molecular weight</b>	395.51
<b>Molecular formula</b>	C <sub>20</sub> H <sub>29</sub> NO <sub>5</sub> S
<b>PubChem identifier</b>	10000783
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in ethanol and in DMSO
<b>Handling</b>	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.

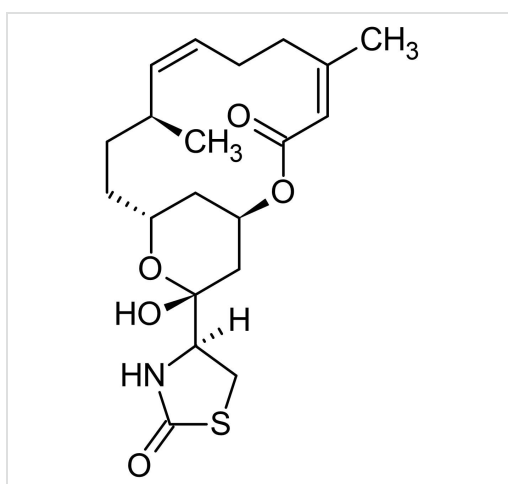
#### SMILES

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

#### Source

*Negombata magnifica*

#### Images



2D chemical structure image of ab144292, 16-epi-Latrunculin B, F-actin depolymerizing macrolide

Chemical Structure - 16-epi-Latrunculin B, F-actin depolymerizing macrolide (ab144292)

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