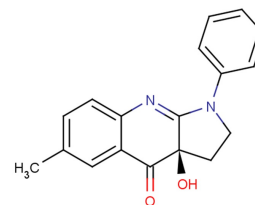


(+)-Blebbistatin**Chemical Properties**

CAS No.:	1177356-70-5
Formula:	C ₁₈ H ₁₆ N ₂ O ₂
Molecular Weight:	292.33
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	(+)-Blebbistatin is the inactive enantiomer of (-)-Blebbistatin. (-)-Blebbistatin is a selective myosin II ATPase inhibitor.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.421 mL	17.104 mL	34.208 mL
5 mM	0.684 mL	3.421 mL	6.842 mL
10 mM	0.342 mL	1.71 mL	3.421 mL
50 mM	0.068 mL	0.342 mL	0.684 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Cristina Lucas-Lopez, et al. Absolute Stereochemical Assignment and Fluorescence Tuning of the Small Molecule Tool, (-)-Blebbistatin.

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