

## Dolastatinol

## Chemical Properties

CAS No. :	2759918-83-5
Formula:	C <sub>43</sub> H <sub>70</sub> N <sub>6</sub> O <sub>7</sub> S
Molecular Weight:	815.12
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Dolastatinol, a synthetic analog of Dolastatin 10, serves as a potent low-nanomolar inhibitor of tubulin polymerization.
Targets(IC50)	Others, Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2268 mL	6.1341 mL	12.2681 mL
5 mM	0.2454 mL	1.2268 mL	2.4536 mL
10 mM	0.1227 mL	0.6134 mL	1.2268 mL
50 mM	0.0245 mL	0.1227 mL	0.2454 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481