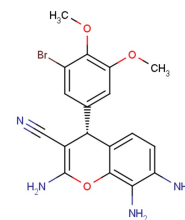


Crolibulin

Chemical Properties

CAS No.:	1000852-17-4
Formula:	C ₁₈ H ₁₇ BrN ₄ O ₃
Molecular Weight:	417.26
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Crolibulin is an inhibitor of small molecule tubulin polymerization.
Targets(IC ₅₀)	tubulin polymerization: None

Solubility Information

Solubility	DMSO: 125 mg/mL (299.57 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.397 mL	11.983 mL	23.966 mL
5 mM	0.479 mL	2.397 mL	4.793 mL
10 mM	0.24 mL	1.198 mL	2.397 mL
50 mM	0.048 mL	0.24 mL	0.479 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. Kalmuk J, et al. Multimodal imaging guided preclinical trials of vascular targeting in prostate cancer. *Oncotarget*. 2015 Sep 15;6(27):24376-92.
2. Zhai X, et al. Discovery and Optimization of Novel 5-Indolyl-7-arylimidazo[1,2-a]pyridine-8-carbonitrile Derivatives as Potent Antitubulin Agents Targeting Colchicine-binding Site. *Sci Rep*. 2017 Feb 27;7:43398.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481