# Data Sheet (Cat.No.T74017)



## N-Methylhemeanthidine chloride

#### **Chemical Properties**

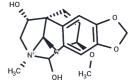
CAS No.: 1807688-81-8

Formula: C18H22ClNO5

Molecular Weight: 367.82

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### **Biological Description**

Description	N-Methylhemeanthidine chloride, an alkaloid derived from Zephyranthes candida of the		
	Amaryllidaceae family, exhibits antitumor properties. It hinders cancer cell proliferation		
	by down-regulating AKT activation, enforcing cell cycle arrest, and promoting apoptosis		
<u> </u>	[1].		

#### **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.7187 mL	13.5936 mL	27.1872 mL
5 mM	0.5437 mL	2.7187 mĹ	5.4374 mL
10 mM	0.2719 mL	1.3594 mL	2.7187 mL
50 mM	0.0544 mL	0.2719 mL	0.5437 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Page 1 of 1 www.targetmol.com