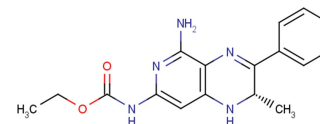


Data Sheet (Cat.No.T12052)

Mivobulin

Chemical Properties

CAS No.:	122332-18-7
Formula:	C17H19N5O2
Molecular Weight:	325.37
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Mivobulin is an inhibitor of tubulin .
Targets(IC ₅₀)	Tubulin: 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	3.073 mL	15.367 mL	30.734 mL
5 mM	0.615 mL	3.073 mL	6.147 mL
10 mM	0.307 mL	1.537 mL	3.073 mL
50 mM	0.061 mL	0.307 mL	0.615 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

- Barbier P, et al. The active GTP- and ground GDP-liganded states of tubulin are distinguished by the binding of chiral isomers of ethyl 5-amino-2-methyl-1,2-dihydro-3-phenylpyrido[3,4-b]pyrazin-7-yl carbamate. *Biochemistry*. 1998 Jan 13;37(2):758-68.

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