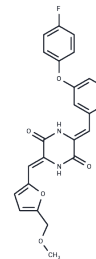


Microtubule inhibitor 6

Chemical Properties

CAS No. :	2416338-64-0
Formula:	C ₂₄ H ₁₉ FN ₂ O ₅
Molecular Weight:	434.42
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Microtubule inhibitor 6 (compound 17o) is a potent microtubule inhibitor exhibiting cytotoxicity against NCI-H460, BxPC-3, and HT-29 cells, with IC ₅₀ values of 14.0, 6.6, and 7.0 nM, respectively. It effectively inhibits microtubule polymerization.
Targets(IC ₅₀)	Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3019 mL	11.5096 mL	23.0192 mL
5 mM	0.4604 mL	2.3019 mL	4.6038 mL
10 mM	0.2302 mL	1.151 mL	2.3019 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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