

## Tubulin polymerization-IN-39

## Chemical Properties

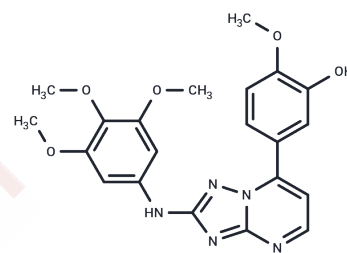
CAS No. :

Formula: C<sub>21</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight: 423.42

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	Tubulin polymerization-IN-39, a tubulin polymerization inhibitor with an IC <sub>50</sub> of 4.9 μM, targets the colchicine-binding site to hinder tubulin polymerization. This compound effectively suppresses cancer cell proliferation.
Targets(IC <sub>50</sub> )	Others, Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3617 mL	11.8086 mL	23.6172 mL
5 mM	0.4723 mL	2.3617 mL	4.7234 mL
10 mM	0.2362 mL	1.1809 mL	2.3617 mL
50 mM	0.0472 mL	0.2362 mL	0.4723 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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