

## Tubulin inhibitor 37

## Chemical Properties

CAS No. :

Formula: C<sub>16</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>6</sub>O

Molecular Weight: 373.2

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 Inhibitor 37 (Compound 12) effectively impedes tubulin aggregation (IC <sub>50</sub> = 1.3 μM) and demonstrates antiproliferative activity against human tumor cell lines, showing promise for cancer research [1].
Targets(IC <sub>50</sub> )	Others, Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6795 mL	13.3976 mL	26.7953 mL
5 mM	0.5359 mL	2.6795 mL	5.3591 mL
10 mM	0.268 mL	1.3398 mL	2.6795 mL
50 mM	0.0536 mL	0.268 mL	0.5359 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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