

AEZS-112

Chemical Properties

CAS No. :	1214741-69-1
Formula:	C ₂₅ H ₂₃ N ₃ O ₂
Molecular Weight:	397.46902
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	AEZS-112, also known as ZEN012, is an orally active small mol. anti-cancer drug which inhibits the polymn. of tubulin at low micromolar concns. AEZS 112 dose-dependently increased non-vital hypodiploid cells and the cytotoxic effect was least pronounced in G2 phase of the cell cycle, indicating cell death during mitosis, as detd. by FACS anal. AEZS 112 showed anti-tumor activity in human ovarian and endometrial cancer cell lines at low micromolar concns., which could not be abrogated by caspase inhibition and is therefore a good candidate for in vivo studies in these tumors.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5159 mL	12.5796 mL	25.1591 mL
5 mM	0.5032 mL	2.5159 mL	5.0318 mL
10 mM	0.2516 mL	1.258 mL	2.5159 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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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