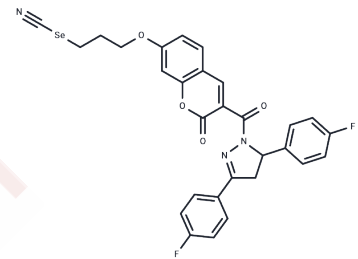


EMT inhibitor-3

Chemical Properties

CAS No. :	2930726-89-7
Formula:	C ₂₉ H ₂₁ F ₂ N ₃ O ₄ Se
Molecular Weight:	592.45
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	EMT inhibitor-3 (compound 11i) is an epithelial-mesenchymal transition (EMT) inhibitor that effectively suppresses the proliferation, migration, and invasion of SK-N-SH neuroblastoma cells, with an IC ₅₀ value of 2.5 μM. It induces mitochondrial-mediated intrinsic apoptosis in tumor cells by enhancing the Bax/Bcl-2 protein expression ratio, promoting the release of cytochrome C from mitochondria, and activating caspase 9 and caspase 3. EMT inhibitor-3 is applicable for cancer research.
Targets(IC ₅₀)	Apoptosis,Bcl-2 Family,Caspase,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6879 mL	8.4395 mL	16.8791 mL
5 mM	0.3376 mL	1.6879 mL	3.3758 mL
10 mM	0.1688 mL	0.844 mL	1.6879 mL
50 mM	0.0338 mL	0.1688 mL	0.3376 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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