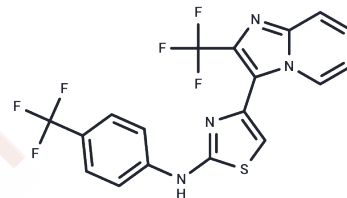


Antitumor agent-3

Chemical Properties

CAS No. :	420126-30-3
Formula:	C ₁₈ H ₁₀ F ₆ N ₄ S
Molecular Weight:	428.35
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	Antitumor agent-3, a potent compound, comprises a novel imidazopyridine with excellent antitumor activity as its active ingredient.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 59 mg/mL (137.74 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3345 mL	11.6727 mL	23.3454 mL
5 mM	0.4669 mL	2.3345 mL	4.6691 mL
10 mM	0.2335 mL	1.1673 mL	2.3345 mL
50 mM	0.0467 mL	0.2335 mL	0.4669 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.

Reference

Ichiro Hayakawa, et al. Derives d'imidazopyridine. WO2002034748A1.

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