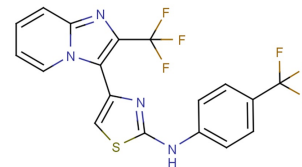


Antitumor agent-3

Chemical Properties

CAS No.:	420126-30-3
Formula:	C ₁₈ H ₁₀ F ₆ N ₄ S
Molecular Weight:	428.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Antitumor agent-3 is a potent compound. It comprises a new imidazopyridine having excellent antitumor activity as an active ingredient.
Targets(IC ₅₀)	Others: None

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.335 mL	11.673 mL	23.345 mL
5 mM	0.467 mL	2.335 mL	4.669 mL
10 mM	0.233 mL	1.167 mL	2.335 mL
50 mM	0.047 mL	0.233 mL	0.467 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

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