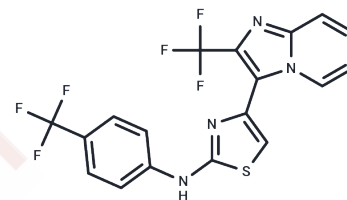


Antitumor agent-3

Chemical Properties

| | |
|-------------------|-----------------------------------------------------------------|
| CAS No. : | 420126-30-3 |
| Formula: | C ₁₈ H ₁₀ F ₆ N ₄ S |
| Molecular Weight: | 428.35 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



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) |
|------------|---------------------------------------------------------------------------------------------------------------------------|

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.

Reference

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

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481