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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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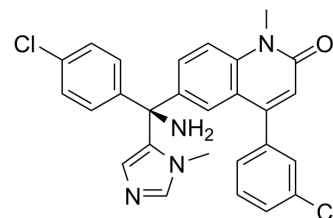
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Tipifarnib (S enantiomer)

Cat. No.:	HY-10502A
CAS No.:	192185-71-0
Molecular Formula:	C ₂₇ H ₂₂ Cl ₂ N ₄ O
Molecular Weight:	489.4
Target:	Farnesyl Transferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (51.08 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.0433 mL	10.2166 mL	20.4332 mL
		5 mM		0.4087 mL	2.0433 mL	4.0866 mL
		10 mM		0.2043 mL	1.0217 mL	2.0433 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.11 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.11 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tipifarnib S enantiomer is the S-enantiomer of Tipifarnib. Tipifarnib is a potent and specific farnesyltransferase (FTase) inhibitor with IC ₅₀ of 0.6 nM. Tipifarnib S enantiomer is the less active isomer.
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REFERENCES

[1]. Kraus JM, et al. Rational modification of a candidate cancer drug for use against Chagas disease. J Med Chem. 2009 Mar 26;52(6):1639-47.

Caution: Product has not been fully validated for medical applications. For research use only.

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