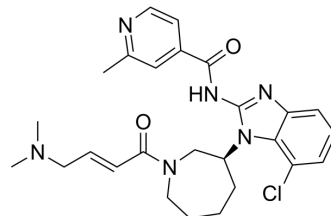


Nazartinib S-enantiomer

Cat. No.:	HY-12872B		
CAS No.:	1508256-20-9		
Molecular Formula:	C ₂₆ H ₃₁ ClN ₆ O ₂		
Molecular Weight:	495.02		
Target:	EGFR		
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK		
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 : 50 mg/mL (101.01 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0201 mL	10.1006 mL	20.2012 mL
5 mM	0.4040 mL	2.0201 mL	4.0402 mL
10 mM	0.2020 mL	1.0101 mL	2.0201 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.75 mg/mL (5.56 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.75 mg/mL (5.56 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Nazartinib S-enantiomer (EGF816 S-enantiomer) is the less active S-enantiomer of Nazartinib. Nazartinib (EGF816) is an EGFR inhibitor.

REFERENCES

- [1]. Gerald Lelais, et al. Compounds and compositions for modulating egfr activity. WO 2013184757A1.

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

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