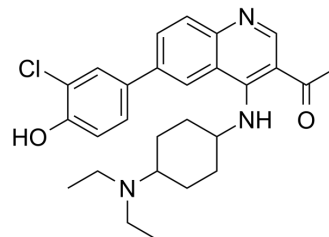


OTS447

Cat. No.:	HY-144869		
CAS No.:	1356943-67-3		
Molecular Formula:	C ₂₇ H ₃₂ ClN ₃ O ₂		
Molecular Weight:	466.01		
Target:	FLT3		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 12.41 mg/mL (26.63 mM; ultrasonic and warming and adjust pH to 2 with HCl and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1459 mL	10.7294 mL	21.4588 mL
	5 mM	0.4292 mL	2.1459 mL	4.2918 mL
	10 mM	0.2146 mL	1.0729 mL	2.1459 mL

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

BIOLOGICAL ACTIVITY

Description

OTS447 is a potent FLT3 inhibitor with an IC₅₀ of 21 nM (WO2012016082A1, compound 335)^[1].

REFERENCES

[1]. Yo Matsuo, et al. Quinoline derivatives and melk inhibitors containing the same. WO2012016082A1.

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

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