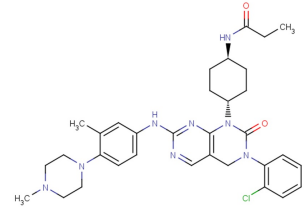


Data Sheet (Cat.No.T15615)

JND3229

Chemical Properties

CAS No.:	2260886-64-2
Formula:	C ₃₃ H ₄₁ ClN ₈ O ₂
Molecular Weight:	617.18
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	JND3229 is a highly potent and fourth-generation EGFR C797S reversible inhibitor (IC ₅₀ : 5.8 nM). It also effectively suppressed EGFR L858R/T790M and EGFR WT (IC ₅₀ : 30.5 and 6.8 nM).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 12.5 mg/mL (20.25 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.62 mL	8.101 mL	16.203 mL
5 mM	0.324 mL	1.62 mL	3.241 mL
10 mM	0.162 mL	0.81 mL	1.62 mL
50 mM	0.032 mL	0.162 mL	0.324 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. Lu X, et al. Discovery of JND3229 as a New EGFR C797S Mutant Inhibitor with In Vivo Monodrug Efficacy. ACS Med Chem Lett. 2018 Oct 8;9(11):1123-1127.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481