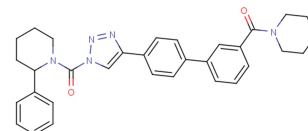


KT185

Chemical Properties

CAS No.: 1472640-86-0
Formula: C₃₂H₃₃N₅O₂
Molecular Weight: 519.64
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	KT185 is an orally-bioavailable and brain-penetrant ABHD6 inhibitor (IC ₅₀ : 0.21 nM in Neuro2A cells).
Targets(IC ₅₀)	ABHD6: 0.21 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.924 mL	9.622 mL	19.244 mL
5 mM	0.385 mL	1.924 mL	3.849 mL
10 mM	0.192 mL	0.962 mL	1.924 mL
50 mM	0.038 mL	0.192 mL	0.385 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. Hsu KL, et al. Discovery and optimization of piperidyl-1,2,3-triazole ureas as potent, selective, and in vivo-active inhibitors of α/β -hydrolase domain containing 6 (ABHD6). J Med Chem. 2013 Nov 14;56(21):8270-9.

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