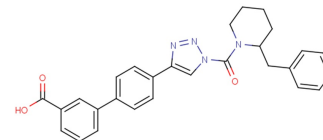


Data Sheet (Cat.No.T11785)

KT203

Chemical Properties

CAS No.:	1402612-64-9
Formula:	C ₂₈ H ₂₆ N ₄ O ₃
Molecular Weight:	466.53
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	KT203 is a potent and selective inhibitor of α/β -hydrolase domain containing 6 (ABHD6), with an IC ₅₀ of 0.31 nM in Neuro2A cells.
Targets(IC ₅₀)	ABHD6 in Neuro2A cells: 0.31 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.143 mL	10.717 mL	21.435 mL
5 mM	0.429 mL	2.143 mL	4.287 mL
10 mM	0.214 mL	1.072 mL	2.143 mL
50 mM	0.043 mL	0.214 mL	0.429 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

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