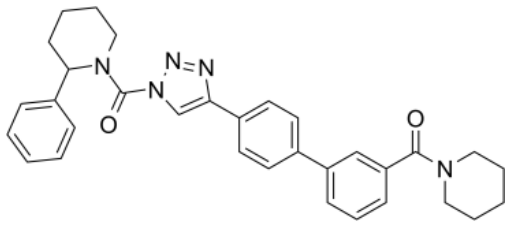
Product Data Sheet

Product Name: KT185
Cat. No.: GC36401

Chemical Properties

Cas. No.	1472640-86-0		
SMILES	O=C(N1N=NC(C2=CC=C(C=C2)C3=CC=CC(C(N4CCCCC4)=O)=C3)=C1)N5C(CCCC5)C6=CC=CC=C6		
Formula	$C_{32}H_{33}N_5O_2$	M.Wt	519.64
Solubility	DMF: 30 mg/ml,DMSO: 30 mg/ml,Ethanol: 30 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

KT185 is an orally-bioavailable, brain-penetrant and selective ABHD6 inhibitor, with an IC50 0.21 nM in Neuro2A cells[1]. IC50: ABHD6 (0.21 nM in Neuro2A cells)[1].

[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

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