

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

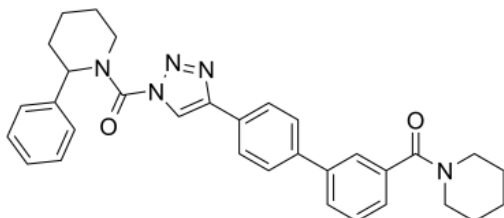
Formula $C_{32}H_{33}N_5O_2$ M.Wt 519.64

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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14;56(21):8270-9.

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