Data Sheet (Cat.No.T9968)

TargetMol

3-Piperidinyl(1-pyrrolidinyl)methanone HCl

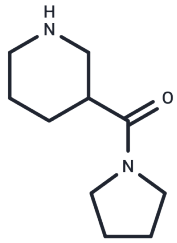
Chemical Properties

CAS No. : 937724-81-7

Formula: C10H19ClN2O

Molecular Weight: 218.724

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	3-Piperidinyl(1-pyrrolidinyl)methanone hydrochloride can be used in the synthesis of piperidin-4-yl-urea derivatives which are MCH-R1 antagonists.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 65 mg/mL (297.18 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5721 mL	22.8603 mL	45.7206 mL
5 mM	0.9144 mL	4.5721 mL	9.1441 mL
10 mM	0.4572 mL	2.286 mL	4.5721 mL
50 mM	0.0914 mL	0.4572 mL	0.9144 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Berglund S, et al. Optimization of piperidin-4-yl-urea-containing melanin-concentrating hormone receptor 1 (MCH-R1) antagonists: Reducing hERG-associated liabilities. Bioorg Med Chem Lett. 2009 Aug 1;19(15):4274-9.

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