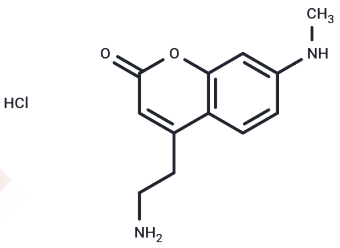
Data Sheet (Cat.No.T41195)

TargetMol

FFN 206 dihydrochloride

Chemical Properties



CAS No. : 1883548-88-6

Formula: C12H15ClN2O2

Molecular Weight: 254.71

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

Biological Description

Description	FFN 206 dihydrochloride is a fluorescent VMAT2 substrate that can be used to detect VMAT2 subcellular sites in cell culture and shows no detectable inhibition of DAT.
Targets(IC50)	Others,Monoamine Transporter

Solubility Information

Solubility	H2O: 90 mg/mL (353.34 mM),Sonication is recommended. DMSO: 50 mg/mL (196.3 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.926 mL	19.6302 mL	39.2603 mL
5 mM	0.7852 mL	3.926 mL	7.8521 mL
10 mM	0.3926 mL	1.963 mL	3.926 mL
50 mM	0.0785 mL	0.3926 mL	0.7852 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

Hu G, et al. New fluorescent substrate enables quantitative and high-throughput examination of vesicular monoamine transporter 2 (VMAT2). ACS Chem Biol. 2013 ; 8(9):1947-1954.
Wei F, Liu H, Zhang W, et al.Drug inhibition and substrate transport mechanisms of human VMAT2.Nature Communications.2025, 16(1): 323.

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