

SW116 free base

Chemical Properties

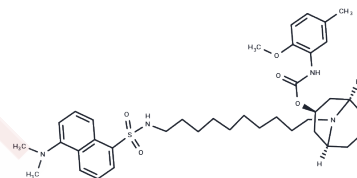
CAS No. : 1036759-00-8

Formula: C39H56N4O5S

Molecular Weight: 692.95

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	SW116 free base is a selective fluorescent ligand for the sigma-2 receptor (sigma-2 receptor), with a K_i of 14 nM. It exhibits a maximum excitation wavelength of 333 nM and a maximum emission wavelength of 506 nM in methanol. SW116 free base can internalize into MDA-MB-435 cells, reaching 50% of its maximum fluorescence intensity within 24 minutes. This compound serves as a fluorescent probe in cancer research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4431 mL	7.2155 mL	14.4311 mL
5 mM	0.2886 mL	1.4431 mL	2.8862 mL
10 mM	0.1443 mL	0.7216 mL	1.4431 mL
50 mM	0.0289 mL	0.1443 mL	0.2886 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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