

UKH-1114

Chemical Properties

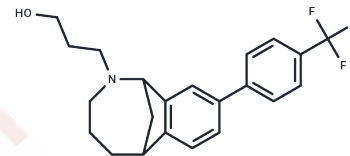
CAS No. : 2113664-14-3

Formula: C₂₂H₂₄F₃NO

Molecular Weight: 375.43

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	UKH-1114 is a potent σ_2 receptor/Tmem97 agonist with a K_i value of 46 nM, demonstrating antinociceptive effects against mechanical hypersensitivity. This compound alleviates mechanical hypersensitivity in mice caused by nerve injury without inducing motor impairment and is a promising candidate for neuropathic pain research.
Targets(IC50)	Sigma receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6636 mL	13.3181 mL	26.6361 mL
5 mM	0.5327 mL	2.6636 mL	5.3272 mL
10 mM	0.2664 mL	1.3318 mL	2.6636 mL
50 mM	0.0533 mL	0.2664 mL	0.5327 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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