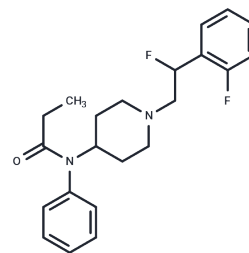


RR-49

Chemical Properties

CAS No. : 2376328-79-7
 Formula: C₂₂H₂₆F₂N₂O
 Molecular Weight: 372.45
 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	RR-49 is an innovative difluorinated analogue. This compound demonstrates exceptional pH sensitivity, showing the same efficacy for DAMGO in MOR cAMP assays at pH 6.5 as it does at pH 7.4, but with a 19-fold increase in potency (IC ₅₀). It holds significant promise as an analgesic for treating inflammatory pain with a lower potential for abuse.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6849 mL	13.4246 mL	26.8492 mL
5 mM	0.537 mL	2.6849 mL	5.3698 mL
10 mM	0.2685 mL	1.3425 mL	2.6849 mL
50 mM	0.0537 mL	0.2685 mL	0.537 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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