

GSK3004774

Chemical Properties

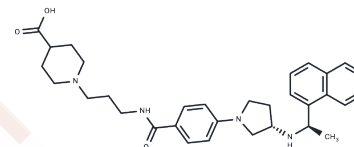
CAS No. : 2138814-32-9

Formula: C32H40N4O3

Molecular Weight: 528.68

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	GSK3004774 is a nonabsorbable agonist of CaSR (pEC50: 7.3, 6.6, and 6.5 for human, mouse, and rat CaSR). GSK3004774 shows an EC50 of 50 nM for human CaSR.
Targets(IC50)	Others,CaSR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8915 mL	9.4575 mL	18.915 mL
5 mM	0.3783 mL	1.8915 mL	3.783 mL
10 mM	0.1892 mL	0.9458 mL	1.8915 mL
50 mM	0.0378 mL	0.1892 mL	0.3783 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

Sparks SM, et al. Identification of potent, nonabsorbable agonists of the calcium-sensing receptor for GI-specific administration. *Bioorg Med Chem Lett.* 2017 Oct 15;27(20):4673-4677.

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