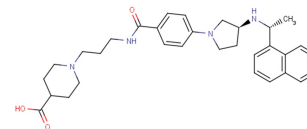


GSK3004774

**Chemical Properties**

CAS No.: 2138814-32-9  
Formula: C<sub>32</sub>H<sub>40</sub>N<sub>4</sub>O<sub>3</sub>  
Molecular Weight: 528.69  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	GSK3004774 is a nonabsorbable agonist of CaSR (pEC <sub>50</sub> : 7.3, 6.6, and 6.5 for human, mouse, and rat CaSR). GSK3004774 shows an EC <sub>50</sub> of 50 nM for human CaSR.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.891 mL	9.457 mL	18.915 mL
5 mM	0.378 mL	1.891 mL	3.783 mL
10 mM	0.189 mL	0.946 mL	1.891 mL
50 mM	0.038 mL	0.189 mL	0.378 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481