

## GB-88

产品编号 RC10061

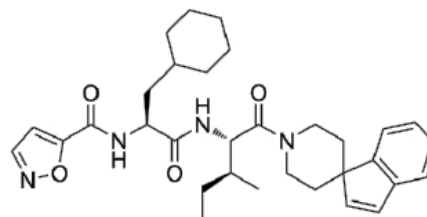
CAS编号 1416435-96-5

分子式 C32H42N4O4

分子量 546.70

作用靶点 Protease Activated Receptor (PAR)

作用通路 GPCR/G Protein



储存 Powder: -20°C for 3 years | In solvent: -80°C for 1 year

溶解性 DMSO: 31.25 mg/mL (57.16 mM), Sonication is recommended.

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.

描述 GB-88 is an selective , oral non-peptide antagonist of PAR2, inhibits PAR2 activated Ca<sup>2+</sup> release with an IC<sub>50</sub> of 2 μM.

In vitro GB-88 inhibits iCa<sup>2+</sup> release induced in HT29 cells by trypsin, 2f-LIGRLO-NH<sub>2</sub> and GB110 (PAR2 agonists).?And antagonism by GB-88 is agonist dependent.

In vivo GB-88 inhibits PAR2-induced acute inflammation in vivo.GB-88 is both orally active and anti-inflammatory in vivo, with specific antagonist activity against four structurally and mechanistically different PAR2 agonists (2f-LIGRLO-NH<sub>2</sub>, trypsin, SLIGRL-NH<sub>2</sub> and GB110).

RV:2.0-2021

