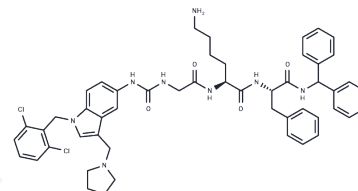


K-14585

Chemical Properties

CAS No. : 880546-17-8
Formula: C₅₁H₅₆Cl₂N₈O₄
Molecular Weight: 915.95
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	K-14585 is a proteinase-activated receptor 2 antagonist. K-14585 inhibited PAR(2)-mediated p65 NFkappaB phosphorylation and NFkappaB-DNA binding. K-14585 inhibited SLIGKV-stimulated IL-8 production, but given alone increased IL-8.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0918 mL	5.4588 mL	10.9176 mL
5 mM	0.2184 mL	1.0918 mL	2.1835 mL
10 mM	0.1092 mL	0.5459 mL	1.0918 mL
50 mM	0.0218 mL	0.1092 mL	0.2184 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.

Reference

Goh FG, Ng PY, Nilsson M, Kanke T, Plevin R. Dual effect of the novel peptide antagonist K-14585 on proteinase-activated receptor-2-mediated signalling. Br J Pharmacol. 2009 Dec;158(7):1695-704. doi: 10.1111/j.1476-

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