

Quin C1

Chemical Properties

CAS No. : 786706-21-6

Formula: C₂₆H₂₇N₃O₄

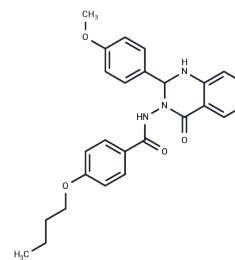
Molecular Weight: 445.51

Storage:

Store at low temperature, The compound is unstable in solution. Please use soon

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	Quin C1 is a selective and potent formylpeptide receptor 2 (FPR2/ALX) agonist with anti-inflammatory activity, inhibits neutrophil and lymphocyte production in BALF, and reduces the expression of TNF- α , IL-1 β , KC, and TGF- β 1. Quin C1 is used in the study of lung injury.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, The compound is unstable in solution. Please use soon. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2446 mL	11.2231 mL	22.4462 mL
5 mM	0.4489 mL	2.2446 mL	4.4892 mL
10 mM	0.2245 mL	1.1223 mL	2.2446 mL
50 mM	0.0449 mL	0.2245 mL	0.4489 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

He M, et al. Characterization of Quin-C1 for its anti-inflammatory property in a mouse model of bleomycin-induced lung injury. Acta Pharmacol Sin. 2011;32(5):601-610.

Corminboeuf et al (2014) FPR2/ALXR agonists and the resolution of inflammation. J.Med.Chem. 58 537 PMID: 25365541

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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