
Product Data Sheet

Product Name: Quin C1
Cat. No.: GC50212

Chemical Properties

Cas. No. 786706-21-6

SMILES O=C1N(NC(C2=CC=C(OCCCC)C=C2)=O)C(C3=CC=C(OC)C=C3)NC4=CC=CC=C41

Formula C26H27N3O4 M.Wt 445.51

Solubility DMSO : 100 mg/mL (224.46 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT Condition , or blue ice upon request.

Structure

Background

Potent and selective FPR2 agonist (EC50 = 15 nM). Induces Ca²⁺ mobilization in FPR2 but not FPR1-transfected mast cells. Induces neutrophil chemotaxis and degranulation in vitro. Reduces neutrophil and lymphocyte counts in bronchoalveolar lavage fluid in a mouse lung injury model. Anti-inflammatory.

Zhou et al (2007) Pharmacological characterization of a novel nonpeptide antagonist for formyl peptide receptor-like 1. Mol.Pharmacol. 72 976 PMID:17652444 | Corminboeuf et al (2014) FPR2/ALXR agonists and the resolution of inflammation. J.Med.Chem. 58 537 PMID:25365541

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA