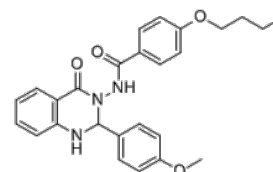


Product Name : Quin-C1
Cat. No. : PC-20393
CAS No. : 786706-21-6
Molecular Formula : C₂₆H₂₇N₃O₄
Molecular Weight : 445.52
Target : Formyl peptide receptor (FPR)
Solubility : 10 mM in DMSO



Biological Activity

Quin C1 is a potent and selective **FPR2** agonist with EC₅₀ of 15 nM, induces Ca²⁺ mobilization in FPR2 but not FPR1-transfected mast cells.

Quin C1 induces neutrophil chemotaxis and degranulation in vitro.

Quin C1 reduces neutrophil and lymphocyte counts in bronchoalveolar lavage fluid in a mouse lung injury model.

Quin C1 exhibits anti-inflammatory property in a mouse model of bleomycin-induced lung injury.

References

Nanamori M et al. *Mol. Pharmacol*, 2004, 66, 1213–1222.

Min He, et al. *Acta Pharmacol Sin*. 2011 May;32(5):601-10.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com