

Product Name : Acumapimod

Synonyms : BCT-197

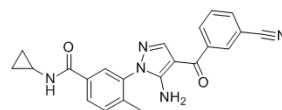
Cat No. : M16100

CAS Number : 836683-15-9

Molecular Formula : C₂₂H₁₉N₅O₂

Formula Weight : 385.42

Chemical Name : Benzamide, 3-[5-amino-4-(3-cyanobenzoyl)-1H-pyrazol-1-yl]-N-cyclopropyl-4-methyl-



Description : An orally active, potent p38 MAPK inhibitor that potently inhibits ex vivo LPS - induced TNF α secretion with an IC₅₀ of 44 ng/mL (115 nM); inhibits LPS - stimulated TNF α release in the human whole blood assay with IC₅₀ of 24 nM; shows antiinflammatory activity for treatment of acute as opposed to chronic inflammation disorders.COPD Phase 1 Clinical

Pathway : MAPK/ERK Signaling

Target : p38 MAPK

Receptor : p38 MAPK

Solubility : DMSO: 10 mM

SMILES : O=C(NC1CC1)C2=CC=C(C(C)C(N3N=CC(C4=CC=CC(C#N)=C4)=O)=C3N)=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. De Buck S, et al. CPT Pharmacometrics Syst Pharmacol. 2015 Dec;4(12):691-700.