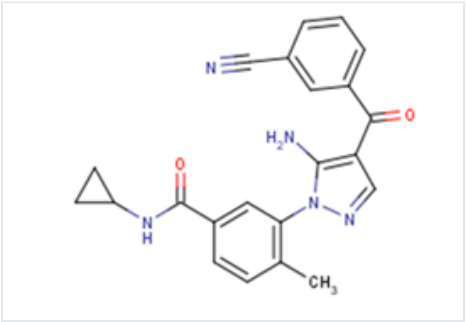
Acumapimod Inhibitor

PRODUCT OVERVIEW

Product Name	Acumapimod, Inhibitor
Full Product Name	Acumapimod
Product Synonym Names	BCT-197
Form/Format	Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder; -80 degree C for 2 years in solvent For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Molecular Weight	385.42
Formula	C22H19N5O2
CAS	836683-15-9
Smiles	Cc1ccc(cc1-n1ncc(C(=O)c2cccc(c2)C#N)c1N)C(=O)NC1CC1
Receptor (IC50)	p38alpha: <1uM
Solubility	DMSO: 50mg/mL (129.73mM) (<1mg/ml refers to the product slightly soluble or insoluble)
Product Categories/Family for Acumapimod, inhibitor	Home; MAPK; p38 MAPK
Related Product Information for Acumapimod, inhibitor	MBS5752507 is an inhibitor targeting Acumapimod. Acumapimod is an orally active inhibitor of p38alpha MAPK (IC50 <1uM).
Product References and Citations for Acumapimod, inhibitor	1. Growcott E J, Bamba D, Galarneau J. R, et al. The effect of P38 MAP kinase inhibition in a mouse model of influenza[J]. Journal of Medical Microbiology, 2018, 67 (3). 2. De Buck S, Hueber W, Vitaliti A, et al. Population PK-PD Model for Tolerance Evaluation to the p38 MAP Kinase Inhibitor BCT197[J]. CPT: Pharmacometrics & Systems Pharmacology, 2015, 4 (12):691-700.
Other Notes	Small volumes of Acumapimod, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of Acumapimod, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.