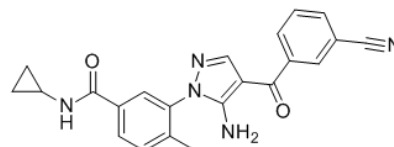


Product Name : Acumapimod
Cat. No. : PC-45059
CAS No. : 836683-15-9
Molecular Formula : C₂₂H₁₉N₅O₂
Molecular Weight : 385.4185
Target : p38 MAPK
Solubility : DMSO: 10 mM



Biological Activity

Acumapimod (BCT-197) is 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).

Acumapimod (BCT-197) inhibits LPS-stimulated TNF α release in the human whole blood assay with IC₅₀ of 24 nM.

Acumapimod (BCT-197) shows antiinflammatory activity for treatment of acute as opposed to chronic inflammation disorders.

References

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

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

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