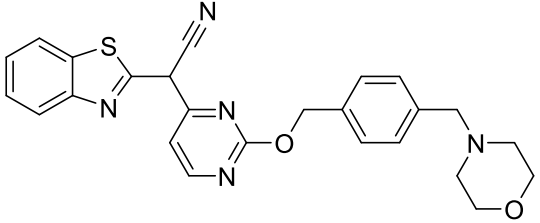


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319883	Bentamapimod	C9R09B05

Chemical name	
2-(1,3-benzothiazol-2-yl)-2-[2-({4-[(morpholin-4-yl)methyl]phenyl} methoxy)pyrimidin-4-yl]acetonitrile	
Synonyms	
AS602801; AS-602801; AS 602801; PGL5001; PGL-5001; PGL 5001; Bentamapimod	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319883 Name: Bentamapimod CAS#: 848344-36-5 Lot#: C9R09B05 Chemical Formula: C ₂₅ H ₂₃ N ₅ O ₂ S Exact Mass: 457.1572 Molecular Weight: 457.55

Analysis item	Specifications / Results
Appearance	Yellow solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>97.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE