MRT67307 Inhibitor

PRODUCT OVERVIEW

Product Name	MRT67307, Inhibitor
Full Product Name	MRT67307
Product Gene Name	MRT67307, inhibitor
Form/Format	POWDER
Purity/Purification	99.3%
Preparation and Storage	Store at -20 degree C
CAS	1190378-57-4
Smiles	O=C(NCCCNc1nc(Nc2cccc(CN3CCOCC3)c2)ncc1C1CC1)C1CCC1
Formula	C26H36N6O2
Product Categories/Family for MRT67307, inhibitor	Molecules
Related Product Information for MRT67307, inhibitor	MRT67307 is a kinase inhibitor that has been shown to inhibit TBK1, MARK1-4, IKKepsilon, and NUAK1 (IC50 values are 19, 27-52, 160, and 230 nM, respectively), the salt-inducible kinases (SIKs; IC50s = 250, 67, and 430 nM for SIK1, SIK2, and SIK3, respectively) and ULK1 and ULK2 (IC50s = 45 and 38 nM, respectively). MRT67307 prevents the phosphorylation of IRF3 and the production of IFN-beta and increases toll-like receptor-induced IL-10 and IL-1ra secretion in macrophages. Through its effects on ULK1 and ULK2, MRT67307 blocks autophagy.
Other Notes	Small volumes of MRT67307, 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.
Searchable Terms for MRT67307 purchase	MBS578076 is an inhibitor targeting MRT67307.

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

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Online datasheet: https://www.mybiosource.com/inhibitor/mrt67307/578076