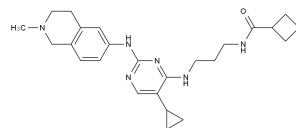


Product Name	: MRT-68921
Synonyms	: MRT68921;MRT 68921
Cat No.	: M10652
CAS Number	: 1190379-70-4
Molecular Formula	: C ₂₅ H ₃₄ N ₆ O
Formula Weight	: 434.58
Chemical Name	: Cyclobutanecarboxamide, N-[3-[[[5-cyclopropyl-2-[(1,2,3,4-tetrahydro-2-methyl-6-isoquinolyl)amino]-4-pyrimidinyl]amino]propyl]-
Description	: A potent, relatively specific inhibitor of both ULK1 and ULK2 with IC ₅₀ of 2.9 and 1.1 nM, respectively; inhibits a number of kinases by over 80% in a broad panel of 80 protein kinases, including TBK1 and AMPK; reduces phospho-ATG13 and blocks autophagy in cells.
Pathway	: Autophagy
Target	: ULK
Receptor	: ULK1;ULK2
Solubility	: 10 mM in DMSO
SMILES	: CN1CCC2=C(C1)C=CC(=C2)NC3=NC=C(C(=N3)NCCCNC(=O)C4CCC4)C5CC5
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Petherick KJ, et al. J Biol Chem. 2015 May 1;290(18):11376-83.