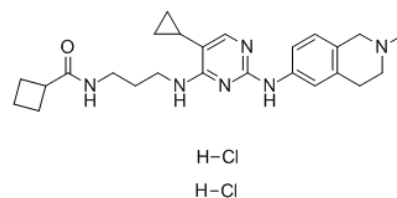


Product Name : MRT68921 hydrochloride
Cat. No. : PC-42021
CAS No. : 2080306-21-2
Molecular Formula : C₂₅H₃₅ClN₆O
Molecular Weight : 471.038
Target : ULK
Solubility : H₂O: 10 mg/mL



Biological Activity

MRT68921 hydrochloride (MRT68921) is a potent, relatively specific inhibitor of both **ULK1** and **ULK2** with IC₅₀ of 2.9 and 1.1 nM, respectively.

MRT-68921 hydrochloride inhibits a number of kinases by over 80% in a broad panel of 80 protein kinases, including TBK1 and AMPK.

MRT-68921 hydrochloride reduces phospho-ATG13 and blocks autophagy in cells.

References

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

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

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