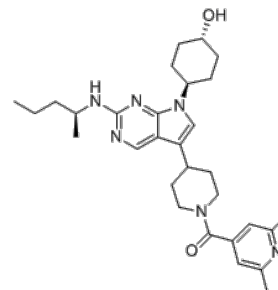


Product Name : UNC5293
Cat. No. : PC-72649
CAS No. : 2226789-82-6
Molecular Formula : C₃₀H₄₂N₆O₂
Molecular Weight : 518.706
Target : TAM Receptor (Tyro3-Axl-Mer)
Solubility : 10 mM in DMSO



Biological Activity

UNC5293 (UNC-5293) is a potent, highly selective, orally available inhibitor of **MER receptor tyrosine kinase (MERTK)** with IC₅₀ 0.9 nM, K_i 0.19 nM.

UNC5293 exhibits an excellent Ambit selectivity score (S₅₀ (100 nM) = 0.041), and displays 50-100 fold selectivity over other two TAM Receptor member kinases (Tyro3 and Axl).

UNC5293 demonstrated potent and selective inhibition of MERTK in cell-based assays. has excellent mouse PK properties (7.8 h half-life and 58% oral bioavailability) and was active in bone marrow leukemia cells in a murine model.

References

Zheng H, et al. *Eur J Med Chem.* 2021 Aug 5;220:113534.

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

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