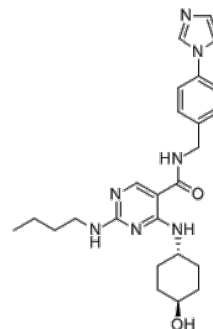


Product Name : UNC2881
Cat. No. : PC-20335
CAS No. : 1493764-08-1
Molecular Formula : C₂₅H₃₃N₇O₂
Molecular Weight : 463.59
Target : TAM Receptor (Tyro3-Axl-Mer)
Solubility : 10 mM in DMSO



Biological Activity

UNC2881 (UNC-2881) is a potent selective Mer kinase inhibitor with IC₅₀ of 4.3 nM, 84-fold selectivity over Axl and 58-fold over Tyro3.

UNC2881 inhibits endogenous Mer tyrosine kinase activation in acute lymphoblastic leukemia cells with IC₅₀ of 22 nM.

UNC2881 inhibits ligand-stimulated activation of a chimeric protein consisting of the extracellular domain from EGFR and the intracellular domain of Mer.

UNC2881 (3 μM) inhibits collagen-stimulated platelet aggregation in human platelet-rich plasma.

References

Weihe Zhang, et al. J Med Chem. 2013 Dec 12;56(23):9693-700.

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

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