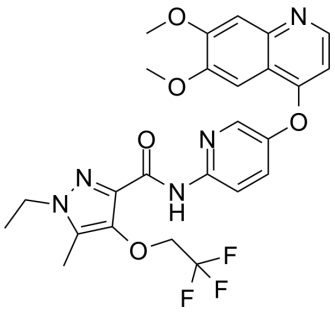
Axl/Mer/CSF1R-IN-1

Cat. No.:	HY-153012
CAS No.:	2394874-60-1
Molecular Formula:	$C_{25}H_{24}F_3N_5O_5$
Molecular Weight:	531.48
Target:	TAM Receptor; c-Fms
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Axl/Mer-IN-1 (Compound 1) is an Axl/Mer receptor tyrosine kinase (Axl/Mer RTK) and CSF1R inhibitor with K_ds of <0.1 μM[1].
IC_{50} & Target	Kd: <0.1 μM (Axl, Mer, CSF1R)[1]
In Vitro	Axl/Mer-IN-1 (Compound 1) inhibits cellular Axl activity with an IC_{50} of <0.5 μM by H1299 Elisa assay. Axl/Mer-IN-1 inhibits cellular CSF1R activity with IC_{50}s of <0.5 μM and <1.0 μM by THP-1 Elisa assay and by M-NFS-60 viability assay, respectively[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kiyean NAM, et al. Quinoline derivatives as inhibitors of axl/mer rtk and csf1r. Patent WO2019229251A1.

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