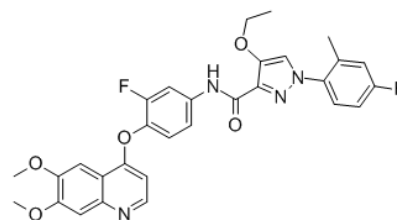


Product Name : LDC1267
Cat. No. : PC-43061
CAS No. : 1361030-48-9
Molecular Formula : C₃₀H₂₆F₂N₄O₅
Molecular Weight : 560.548
Target : TAM Receptor (Tyro3-Axl-Mer)
Solubility : DMSO: ≥ 42 mg/mL



Biological Activity

LDC1267 is a potent, highly selective **TAM receptor** (Tyro3, Axl and Mer) kinase inhibitor with IC₅₀ of <5 nM/8 nM/29 nM for Tyro3, Axl and Mer, respectively.

LDC1267 displays lower activity against Met, Aurora B, Lck, Src, and CDK8.

LDC1267 abolishes the inhibitory effects of Gas6 stimulation in NK cells, moderately affects cell proliferation in 11 of 95 different cell lines with IC₅₀ of >5 μM.

LDC1267 efficiently enhances anti-metastatic NK cell activity, and rejects tumor metastases without serious cytotoxicity (20 mg/kg, i.p.).

References

Paolino M, et al. *Nature*. 2014 Mar 27;507(7493):508-12.

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

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