

Product Name	: LDC1267
Synonyms	: LDC1267; LDC-1267; LDC 1267
Cat No.	: M17256
CAS Number	: 1361030-48-9
Molecular Formula	: C ₃₀ H ₂₆ F ₂ N ₄ O ₅
Formula Weight	: 560.55
Chemical Name	: N-[4-[(6,7-dimethoxy-4-quinolyl)oxy]-3-fluoro-phenyl]-4-ethoxy-1-(4-fluoro-2-methyl-phenyl)pyrazole-3-carboxamide
Description	<p>LDC1267 is a potent and selective TAM kinase inhibitor. LDC1267 displays lower activity against Met, Aurora B, Lck, Src, and CDK8. LDC1267 markedly reduced murine mammary cancer and melanoma metastases dependent on NK cells. The TAM tyrosine kinase receptors Tyro3, Axl and Mer (also known as Mertk) were identified as ubiquitylation substrates for Cbl-b. Treatment of wild-type NK cells with a newly developed small molecule TAM kinase inhibitor conferred therapeutic potential, efficiently enhancing anti-metastatic NK cell activity in vivo.</p>
Pathway	: Cell Cycle/DNA Damage
Target	: PLK
Receptor	: AXL; Mer; Tyro3
Solubility	: DMSO : 50 mg/mL. 89.20 mM; H ₂ O : < 0.1 mg/mL
SMILES	: <chem>c1(c(cc2c(c1)c(ccn2)Oc1ccc(cc1F)NC(=O)c1nn(cc1OCC)c1ccc(cc1C)F)OC)OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Paolino M, et al. Nature. 2014, 507(7493), 508-512.