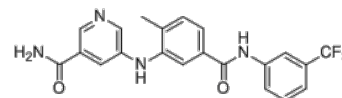

Product Name	: ALW-II-49-7
Cat. No.	: PC-62396
CAS No.	: 1135219-23-6
Molecular Formula	: C ₂₁ H ₁₇ F ₃ N ₄ O ₂
Molecular Weight	: 414.388
Target	: Discoidin Domain Receptor (DDR)
Solubility	: 10 mM in DMSO



Biological Activity

ALW-II-49-7 (DDR2-IN-1) is a potent, selective **DDR2** inhibitor with IC₅₀ of 18.6 nM, also shows ability to inhibit DDR1 and Ephrin-family kinases (IC₅₀=40 nM for EphB2).

ALW-II-49-7 displays excellent overall kinase selectivity against a panel of over 350 kinases.

ALW-II-49-7 decreases DDR2 phosphorylation but has little effect on the proliferation of DDR2 mutated cancer cell lines.

References

Terai H, et al. *ACS Chem Biol*. 2015 Dec 18;10(12):2687-96.

Choi Y, et al. *Bioorg Med Chem Lett*. 2009 Aug 1;19(15):4467-70.

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

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