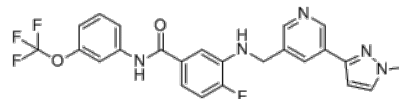


Product Name : VU6015929
Cat. No. : PC-72924
CAS No. : 2442597-56-8
Molecular Formula : C₂₄H₁₉F₄N₅O₂
Molecular Weight : 485.443
Target : Discoidin Domain Receptor (DDR)
Solubility : 10 mM in DMSO



Biological Activity

VU6015929 (VU 6015929) is a potent, selective, dual **DDR1/2** inhibitor with IC₅₀ of 4.67 nM and 7.39 nM for DDR1 and DDR2, respectively.

VU6015929 displays low cytotoxicity, good kinome selectivity, and possessing an acceptable in vitro DMPK profile with good rodent in vivo pharmacokinetics.

VU6015929 blocks collagen I-induced DDR1 autophosphorylation in DDR1 expressing cells, also blocks collagen IV production in a DDR1 dependent manner.

References

Jeffries DE, et al. *ACS Med Chem Lett*. 2019 Nov 25;11(1):29-33.

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

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