

TargetMol®
YOUR TARGET MOLECULES

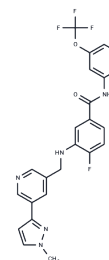
Chemical Properties

Formula: C24H19F4N5O2

Molecular Weight: 485.43

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Description	VU6015929 is an inhibitor of active dual discoidin domain receptor 1/2 (DDR1/2)(IC50s of 4.67 nM and 7.39 nM, respectively).
Targets(IC50)	Discoidin Domain Receptor (DDR)
In vitro	VU6015929 potently blocks collagen-induced DDR1 activation and collagen-IV production, suggesting DDR1 inhibition as an exciting target for antifibrotic therapy[1].

Solubility	DMSO: 250 mg/mL (515.01 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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	1mg	5mg	10mg
1 mM	2.060 mL	10.3001 mL	20.6003 mL
5 mM	0.412 mL	2.060 mL	4.1201 mL
10 mM	0.206 mL	1.030 mL	2.060 mL
50 mM	0.0412 mL	0.206 mL	0.412 mL

Reference

Jeffries DE, Borza CM, Blobaum AL, et al. Discovery of VU6015929: A Selective Discoidin Domain Receptor 1/2 (DDR1/2) Inhibitor to Explore the Role of DDR1 in Antifibrotic Therapy[1]. ACS Med Chem Lett. 2019 Nov 25 ;11(1):

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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