

DDR1-IN-2

Catalog No: **tcsc0035397**



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

1429617-90-2

Formula:

$C_{30}H_{29}F_3N_6O$

Pathway:

Protein Tyrosine Kinase/RTK

Target:

Discoidin Domain Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

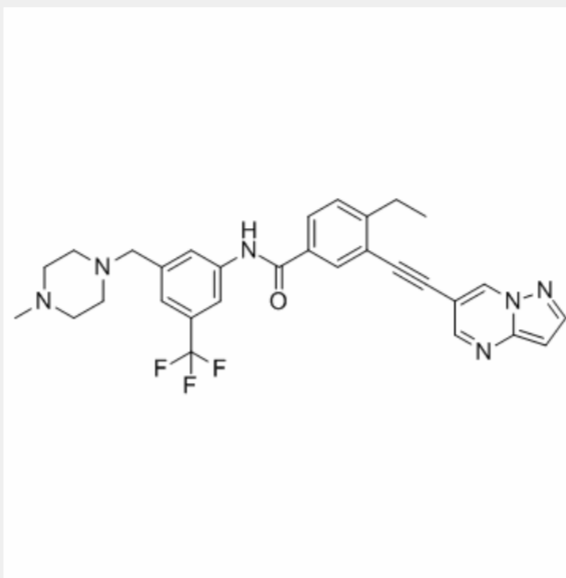
546.59

Product Description

DDR1-IN-2 is a potent inhibitor of **discoidin domain receptor 1 (DDR1)**, with an **IC₅₀** of 13.1 nM, and also less potently inhibits DDR2, with an **IC₅₀** of 203 nM.

IC50 & Target: IC50: 13.1 nM (DDR1), 203 nM (DDR2), 414 nM (Bcr-Abl), 2500 nM (c-Kit)^[1]

In Vitro: DDR1-IN-2 (compound 1) is a potent inhibitor of DDR1, with an IC₅₀ of 13.1 nM, and less potently inhibits DDR2, with an IC₅₀ of 203 nM. DDR1-IN-2 also shows inhibitory activities against Bcr-Abl and c-Kit, with IC₅₀s of 414 and 2500 nM, respectively^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!