

Catalog Number: CM15062

产品信息

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CM15062

CAS号:
2300982-44-7

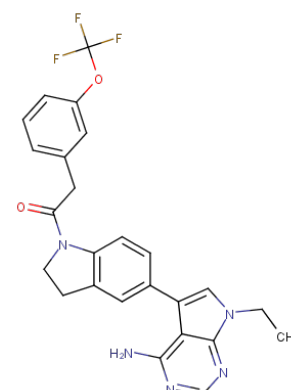
分子式:
C₂₅H₂₂F₃N₅O₂

主要靶点:
RIP kinase

主要通路:
NF-κB信号通路|凋亡

分子量:
481.47

溶解度:
DMSO:60 mg/mL (124.62
mM), Sonification is
recommended., H₂O:0.1 mg/mL
(insoluble)



靶点活性

RIPK1:(kd)4 nM |RIPK1:11 nM

体外活性

In the TSZ-induced HT29 cell necroptosis model, RIPK1-IN-7 shows potent cell protection effect (EC₅₀ of 2nM). RIPK1-IN-7 displays considerable activity against several other kinases(Flt4, TrkA, TrkB, TrkC, Axl, HRI, Mer, and MAP4K5 with IC₅₀s of 20, 26, 8, 7, 35, 26, 29, and 27 nM, respectively).

描述

RIPK1-IN-7 is a potent and selective inhibitor of RIPK1(Kd of 4 nM and an enzymatic IC₅₀ of 11 nM),and exhibits excellent antimetastasis activity in the experimental B16 melanoma lung metastasis model.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years