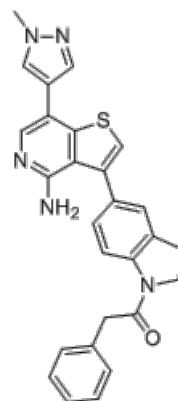


Product Name : GSK2593074A
Synonyms : GSK'074;GSK-2593074A
Cat No. : M11349
CAS Number : 1337531-06-2
Molecular Formula : C₂₇H₂₃N₅O₂S



Formula Weight : 465.58

Chemical Name : 1-(5-(4-amino-7-(1-methyl-1H-pyrazol-4-yl)thieno[3,2-c]pyridin-3-yl)indolin-1-yl)-2-phenylethan-1-one

Description : GSK2593074A (GSK'074, GSK-2593074A) is novel potent, selective RIP1/RIP3 kinase dual inhibitor, directly binds to RIP1 and RIP3 with K_d of 130 and 12 nM, respectively; potently inhibits necroptosis in various cell types (IC₅₀=3 nM both in MOVAS and L929 cells), blocks necroptosis signaling pathway; inhibits RIP3-dependent RIP1-independent necroptosis and inflammation, but does not induce apoptosis; attenuates cell death and inflammation in calcium phosphate injured aortae.

Pathway : Apoptosis

Target : RIP kinase

Receptor : RIP kinase

Solubility : —

SMILES : CN1N=CC(C2=CN=C(N)C3=C2SC=C3C4=CC5=C(N(C(C6=CC=CC=C6)=O)CC5)C=C4)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Zhou T, et al. Cell Death Dis. 2019 Mar 6;10(3):226.