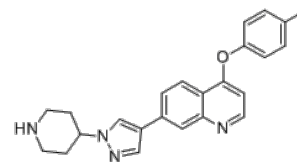


Product Name : HS-1371
Cat. No. : PC-35704
CAS No. : 2158197-70-5
Molecular Formula : C₂₄H₂₄N₄O
Molecular Weight : 384.483
Target : RIP kinase
Solubility : 10 mM in DMSO



Biological Activity

HS-1371 (HS1371) is a novel potent, ATP-competitive receptor-interacting protein kinase-3 (RIP3 or **RIPK3** kinase) inhibitor with IC₅₀ of 20.8 nM.

HS-1371 binds to the ATP binding pocket of RIP3 and inhibits ATP binding to prevent RIP3 enzymatic activity in vitro.

HS-1371 inhibits S227 auto-phosphorylation of RIP3 in treated HT-29 cells, blocks necrosome complex formation, rescues cells from RIP3-dependent necroptotic cell death but not apoptotic cell death.

References

Park HH, et al. *Exp Mol Med*. 2018 Sep 20;50(9):125.

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

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