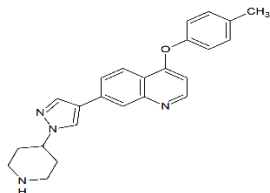


HS-1371

ALTERNATE NAME: 4-(4-methylphenoxy)-7-(1-piperidin-4-ylpyrazol-4-yl)quinoline
HS1371
EX-A2073

CATALOG #: B2430-5 5 mg
B2430-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₄N₂₄O

MOLECULAR WEIGHT: 384.47

CAS NUMBER: 2158197-70-5

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >10 mg/ml DMSO

STORAGE CONDITIONS: -20°C

DESCRIPTION: HS-1371 is a potent RIP3 kinase inhibitor (IC₅₀ = 20.8 nM). It binds to the ATP binding pocket of RIP3 and inhibits ATP binding to prevent RIP3 enzymatic activity in vitro. It inhibits TNF-induced necroptosis but does not inhibit TNF-induced apoptosis, indicating that HS-1371 has a specific inhibitory effect on RIP3-mediated necroptosis via the suppression of RIP3 kinase activity.

REFERENCES:

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Necrosulfonamide (9635)
Necrostatin-5 (1865)
Necrostatin-1 (1864)
Necrostatin-7 (1866)
GSK-2982772 (B2232)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*