GSK872 Inhibitor

PRODUCT OVERVIEW

Product Name	GSK872, Inhibitor
Full Product Name	GSK872
Product Gene Name	GSK872, inhibitor
Form/Format	POWDER
Purity/Purification	100.0%
Preparation and Storage	For 3 years at -20 degree C (powder) For 2 years -80 degree C in solvent.
Molecular Weight	383.48
CAS	1346546-69-7
Formula	C19H17N3O2S2
Pathways	Apoptosis
Target	RIP3K
Smiles	CC(C)S(=O)(=O)c1ccc2c(c1)c(ccn2)Nc1cc2ncsc2cc1
Receptor	RIP3K
Bioactivity	GSK'872 (GSK2399872A) is a potent and selective RIP3 kinase inhibitor which binds RIP3 kinase domain with high affinity (IC50=1.8 nM) and inhibits kinase activity with IC50 of 1.3 nM. It has minimal cross-reactivity.
Solubility Note	For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Related Product Information for GSK872, inhibitor	MBS579973 is an inhibitor targeting GSK872.
Product References and Citations for GSK872, inhibitor	1. Mandal P, et al. RIP3 induces apoptosis independent of pronecrotic kinase activity. Mol Cell. 2014, 56 (4):481-95.
Other Notes	Small volumes of GSK872, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/inhibitor/gsk872/579973