

Datasheet

Inhibitors / Agonists / Screening Libraries

A DRUG SCREENING EXPERT

Product Name : GSK319347A
Catalog Number : T15558
CAS Number : 862812-98-4
Molecular Formula : C22H19N3O5S2
Molecular Weight : 469.53

Description: GSK319347A is a TBK1 and IKK ϵ dual inhibitor (IC50s: 93 nM and 469 nM, respectively). GSK319347A inhibits IKK2 (IC50: 790 nM).

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

Solubility	DMSO	45 mg/mL (95.84 mM), Need ultrasonic
	(< 1 mg/ml refers to the product slightly soluble or insoluble)	

Receptor (IC50)	TBK1	93 nM
	IKK- ϵ	469 nM
	IKK2	790 nM

Reference

- Johannes JW, et al. Discovery of 6-aryl-azabenzimidazoles that inhibit the TBK1/IKK- ϵ kinases. *Bioorg Med Chem Lett*. 2014 Feb 15;24(4):1138-43.
- Xie HZ, et al. Pharmacophore modeling and hybrid virtual screening for the discovery of novel I κ B kinase 2 (IKK2) inhibitors. *J Biomol Struct Dyn*. 2011 Aug;29(1):165-79.

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