

GSK319347A

Catalog No: tcsc0047



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

862812-98-4

Formula:

$C_{22}H_{19}N_3O_5S_2$

Pathway:

NF-κB

Target:

IKK

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

IKK-3 Inhibitor

Observed Molecular Weight:

469.53

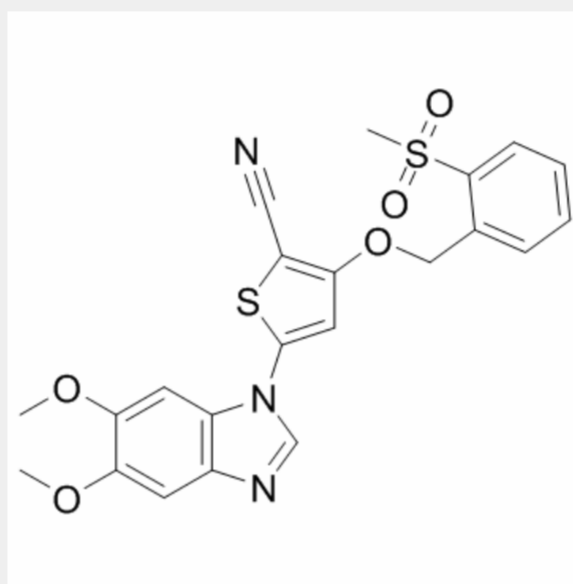
Product Description

GSK319347A is a dual inhibitor of **TBK1** and **IKKε** with **IC₅₀**s of 93 nM and 469 nM, respectively. GSK319347A also inhibits **IKK2** with an **IC₅₀** of 790 nM.

IC50 & Target: IC50: 93 nM (TBK1), 469 nM (IKKε)^[1]

IC50: 790 nM (IKK2)^[2]

In Vitro: GSK319347A (Compound 1) inhibits TBK1 enzyme with an **IC₅₀** of 93 nM, which also translates into good cell potency (72 nM). Moreover, IKK-3 Inhibitor exhibits excellent selectivity against cell-cycle kinases CDK2 and AurB^[1]. IKK-3 Inhibitor (Compound 13) is a novel IκB kinase 2 (IKK2) inhibitor with an **IC₅₀** of 790 nM^[2].



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