

TBK1 / IKKε-IN-1

Catalog No: tcsc0039319



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

2058264-32-5

Formula:

$C_{28}H_{26}N_4O_5$

Pathway:

NF-κB

Target:

IKK

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

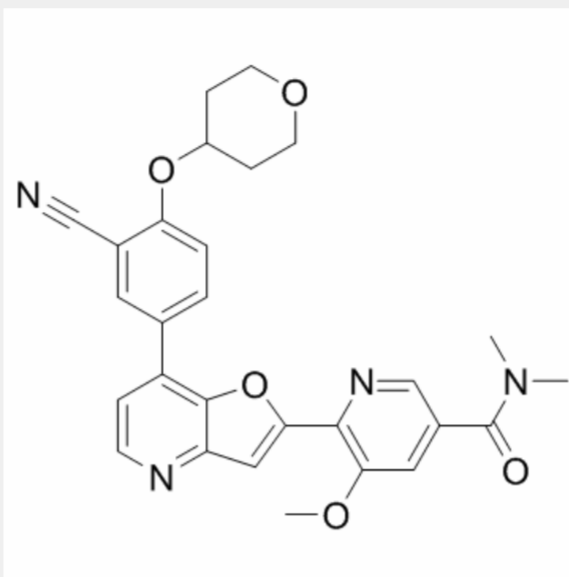
498.53

Product Description

TBK1/IKKε-IN-1 is a dual **TBK1** and **IKKε** inhibitor extracted from patent US20160376283 A1, Compound 274 in Example 60, has **IC₅₀** s of

IC50 & Target: IC50: [1]

In Vitro: IKK ϵ and TBK1 are serine/threonine kinases which are highly homologous to one another and other I κ B kinases (IKK- α and IKK- β). The two kinases play an integral role in the innate immune system. Double-stranded RNA viruses are recognised by the Toll-like receptors 3 and 4 and the RNA helicases RIG-I and MDA-5 and result in activation of the TRIF-TBK1/IKK ϵ -IRF3 signalling cascade, which results in a type I interferon response^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!