



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 ₄ O ₅
Pathway: NF-κB
Target: IKK
Purity / Grade: >98%
Solubility: 10 mM in DMSO
Observed Molecular Weight: 498.53

Product Description

TBK1/IKK ϵ -IN-1 is a dual **TBK1** and **IKK\epsilon** inhibitor extracted from patent US20160376283 A1, Compound 274 in Example 60, has **IC**₅₀ 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 IkB 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!