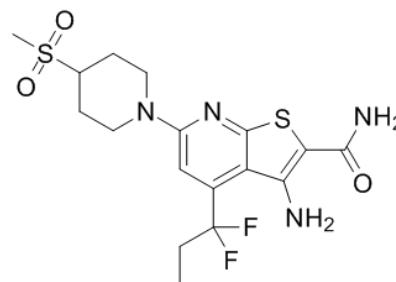


Product Name : BI605906
Cat. No. : PC-43329
CAS No. : 960293-88-3
Molecular Formula : C₁₇H₂₂F₂N₄O₃S₂
Molecular Weight : 432.5084
Target : IκB kinase (IKK)
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

BI605906 is a potent, specific **IKKβ** inhibitor with IC₅₀ of 380 nM (0.1 mM ATP), does not suppress signaling downstream of mTOR or activate AMPK.

BI605906 inhibits TNF-α-dependent IκB degradation and expression of proinflammatory mediators interleukin-6, interleukin-1β, and CXCL1/2 in vivo.

BI605906 partially inhibits the IL-1-stimulated activation of IKKε/TBK1.

References

Clark K, et al. *Biochem J*. 2011 Feb 15;434(1):93-104.

Cameron AR, et al. *Circ Res*. 2016 Aug 19;119(5):652-65.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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