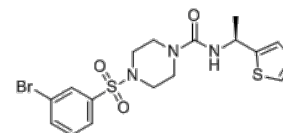


Product Name : T6167923
Cat. No. : PC-35814
CAS No. : 2437475-16-4
Molecular Formula : C₁₇H₂₀BrN₃O₃S₂
Molecular Weight : 458.389
Target : MyD88
Solubility : 10 mM in DMSO



Biological Activity

T6167923 (T-6167923) is a small molecule inhibitor of **MyD88**-dependent signaling pathways, disrupts MyD88 homodimeric formation.

T6167923 inhibits SEB-induced inhibition of cytokine production in PBMCs with IC₅₀ of 2-10 μM, also inhibits SEA-induced pro-inflammatory cytokine production, shows no toxicity in primary cells up to 100 μM.

T6167923 specifically inhibits TIR domain-mediated dimerization of full-length MyD88 as well as the recombinant TIR domain protein.

T6167923 dose-dependent in vivo therapeutic efficacy against SEB intoxication.

References

Olson MA, et al. *Sci Rep.* 2015 Sep 18;5:14246.

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

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