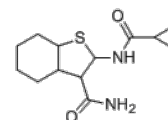


Product Name : AX20017
Cat. No. : PC-73194
CAS No. : 329221-38-7
Molecular Formula : C₁₃H₂₀N₂O₂S
Molecular Weight : 268.37
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

AX20017 is a highly selective inhibitor of Mycobacterium tuberculosis **protein kinase G** (PknG) with IC₅₀ of 0.39 μM. AX20017 is buried deep within the adenosine-binding site, targeting an active conformation of the kinase domain. AX20017 is a reference to determine candidate compounds that can act as potential inhibitors for PknG as anti-mycobacterium tuberculosis compounds.

References

- Walburger A, et al. *Science*. 2004 Jun 18;304(5678):1800-4.
Scherr N, et al. *Proc Natl Acad Sci U S A*. 2007 Jul 17;104(29):12151-6.

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

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