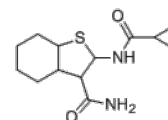


**Product Name** : AX20017  
**Cat. No.** : PC-73194  
**CAS No.** : 329221-38-7  
**Molecular Formula** : C<sub>13</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>S  
**Molecular Weight** : 268.37  
**Target** : Bacterial  
**Solubility** : 10 mM in DMSO



## Biological Activity

AX20017 is a highly selective inhibitor of Mycobacterium tuberculosis protein kinase G (PknG) with IC<sub>50</sub> 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!**

E-mail: tech@probechem.com