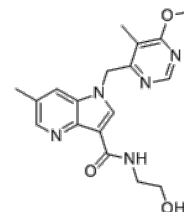


**Product Name** : TBA-7371  
**Cat. No.** : PC-49514  
**CAS No.** : 1494675-86-3  
**Molecular Formula** : C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 355.40  
**Target** : Bacterial  
**Solubility** : 10 mM in DMSO



## Biological Activity

TBA-7371 (TBA7371, AZ 7371) is a potent, non-covalent inhibitor of decaprenylphosphoryl-β-D-ribose 2'-epimerase (**DprE1**) with IC<sub>50</sub> of 10 nM, an enzyme involved in mycobacterial cell wall biogenesis.

TBA-7371 also inhibits **PDE6** with an IC<sub>50</sub> value of 4 μM.

TBA-7371 is active against **M. tuberculosis** with an MIC range of 0.78-3.12 μM and demonstrates efficacy in a rodent model of tuberculosis.

## References

Robertson GT, et al. *Antimicrob Agents Chemother.* 2021 Oct 18;65(11):e0058321.

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

E-mail: tech@probechem.com