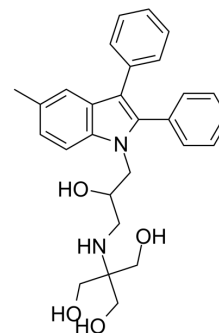


PknB-IN-2

Cat. No.:	HY-151206
CAS No.:	500015-22-5
Molecular Formula:	C ₂₈ H ₃₂ N ₂ O ₄
Molecular Weight:	460.56
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PknB-IN-2 (Compound 10) is a Mycobacterium tuberculosis protein kinase B (PknB) inhibitor with an IC ₅₀ of 12.1 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 12.1 μM (PknB) ^[1]
In Vitro	PknB-IN-2 (Compound 10) shows encouraging growth inhibition activity toward the M. tuberculosis H37Rv strain, with a MIC value of 6.2 μg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Thongdee P, et al. Virtual Screening Identifies Novel and Potent Inhibitors of Mycobacterium tuberculosis PknB with Antibacterial Activity. J Chem Inf Model. 2022 Aug 22.

Caution: Product has not been fully validated for medical applications. For research use only.

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