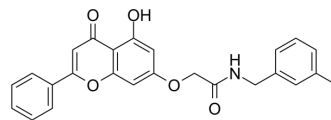


PXYD3

Cat. No.:	HY-146448
CAS No.:	2680554-46-3
Molecular Formula:	C ₂₅ H ₂₁ NO ₅
Molecular Weight:	415.44
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PXYD3 is a ribosomal protein S1 (RpsA) antagonist with K _d s of 5.66 and 6.91 μM for RpsA-CTD and RpsA-CTD Δ438A, respectively. RpsA plays an important role in the trans-translation process of Mycobacterium Tuberculosis (Mtb) ^[1] .
IC ₅₀ & Target	Kd: 5.66 μM (RpsA-CTD), 6.91 μM (RpsA-CTD Δ438A) ^[1]

REFERENCES

[1]. Yazhuang Dai, et al. Discovery and evaluation of new compounds targeting ribosomal protein S1 in antibiotic-resistant Mycobacterium Tuberculosis. Eur J Med Chem. 2020 Jun 15;196:112317.

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

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