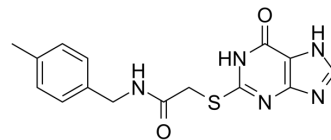


PXYC13

Cat. No.:	HY-146447
CAS No.:	1031940-69-8
Molecular Formula:	C ₁₅ H ₁₅ N ₅ O ₂ S
Molecular Weight:	329.38
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PXYC13 is a ribosomal protein S1 (RpsA) antagonist with K _d s of 7.61 and 8.50 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	RpsA ^[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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