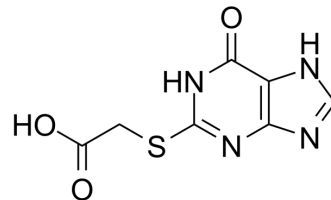


PXYC2

Cat. No.:	HY-146450
CAS No.:	865101-22-0
Molecular Formula:	C ₇ H ₆ N ₄ O ₃ S
Molecular Weight:	226.21
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PXYC2 is a ribosomal protein S1 (RpsA) antagonist with K_d s of 6.35 and 5.11 μ M for RpsA-CTD and RpsA-CTD Δ 438A, respectively. RpsA plays an important role in the trans-translation process of Mycobacterium Tuberculosis (Mtb) ^[1] .
IC ₅₀ & Target	K_d : 6.35 μ M (RpsA-CTD), 5.11 μ M (RpsA-CTD Δ 438A) ^[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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA