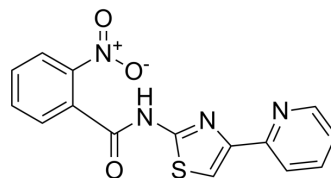


Antitubercular agent-33

Cat. No.:	HY-148111
CAS No.:	476317-29-0
Molecular Formula:	C ₁₅ H ₁₀ N ₄ O ₃ S
Molecular Weight:	326.33
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Antitubercular agent-33 is a 2-aminothiazole derivative, shows potent antitubercular activity against Mycobacterium tuberculosis (Mtb) ^[1] .
In Vitro	Antitubercular agent-33 (compound 49) exerts antitubercular effects with MIC values of 1.6-3.1 μM (in 7H9-glucose media) and 0.78 μM (in GAST media), respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Meissner A, et al. Structure-activity relationships of 2-aminothiazoles effective against Mycobacterium tuberculosis. Bioorg Med Chem. 2013 Nov 1;21(21):6385-97.

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