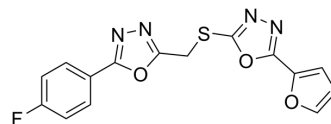


Tuberculosis inhibitor 12

Cat. No.:	HY-49071
CAS No.:	793729-44-9
Molecular Formula:	C ₁₅ H ₉ FN ₄ O ₃ S
Molecular Weight:	344.32
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	Tuberculosis inhibitor 12 (compound 12) is an oxadiazole derivative and an inhibitor of Mycobacterium tuberculosis. The inhibition rates of Tuberculosis inhibitor 12 (20 μM) on 7H9-Tw-OADC and 7H9-Tw-OADC reached 82% and 78% respectively [1].
IC ₅₀ & Target	Mycobacterium tuberculosis ^[1]

REFERENCES

[1]. Early JV, et al. Oxadiazoles Have Butyrate-Specific Conditional Activity against Mycobacterium tuberculosis. Antimicrob Agents Chemother. 2016 May 23;60(6):3608-16.

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

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