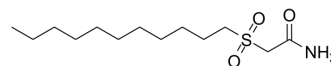


## Antitubercular agent-42

Cat. No.:	HY-163033
Molecular Formula:	C <sub>13</sub> H <sub>27</sub> NO <sub>3</sub> S
Molecular Weight:	277.42
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antitubercular agent-42(19) is a selective fatty acyl-AMP ligase (FAAL) inhibitor (MIC <sub>90</sub> = 1.4 µg/mL for M. tuberculosis H37Rv). Antitubercular agent-42 shows antitubercular activity <sup>[1]</sup> .
In Vitro	Antitubercular agent-42(19) (0-1.4 µg/mL) inhibits the growth of M. tuberculosis <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Farr DC, et al. Reassessing the Putative Molecular Target(s) of Potent Antitubercular 2-(Alkylsulfonyl)acetamides. European Journal of Medicinal Chemistry. 2023 Nov; 115983.

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

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