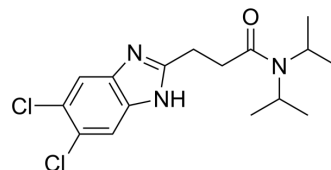


MSU-43085

Cat. No.:	HY-163181
CAS No.:	2810846-51-4
Molecular Formula:	C ₁₆ H ₂₁ Cl ₂ N ₃ O
Molecular Weight:	342.26
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MSU-43085 is an orally active MmpL3 inhibitor of Mycobacterium tuberculosis (Mtb). MSU-43085 effectively inhibits Mtb in an acute murine tuberculosis infection model. MSU-43085 can be used in tuberculosis research ^[1] .
IC ₅₀ & Target	MmpL3 ^[1] .

REFERENCES

[1]. Williams JT, et al. The Mycobacterium tuberculosis MmpL3 inhibitor MSU-43085 is active in a mouse model of infection. *Microbiol Spectr.* 2024 Jan 11;12(1):e0367723.

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

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