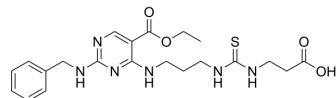


SIRT5 inhibitor 6

Cat. No.:	HY-149425
CAS No.:	2834736-82-0
Molecular Formula:	C ₂₁ H ₂₈ N ₆ O ₄ S
Molecular Weight:	460.55
Target:	Sirtuin
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SIRT5 Inhibitor 6 is a potent, substrate-competitive and selective SIRT5 inhibitor with an IC₅₀ of 3.0 μM. SIRT5 Inhibitor 6 has a therapeutic potential against septic AKI in vivo^[1].

REFERENCES

[1]. Luohe Mou, et al, Structure-Activity Relationship Studies of 2,4,5-Trisubstituted Pyrimidine Derivatives Leading to the Identification of a Novel and Potent Sirtuin 5 Inhibitor against Sepsis-Associated Acute Kidney Injury. *J Med Chem.* 2023 Aug 24;66(16):11517-11535.

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

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