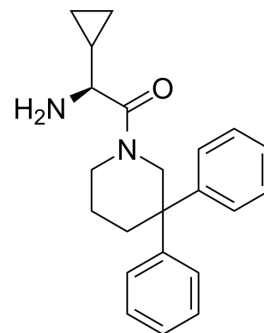


AD-8007

Cat. No.:	HY-161117
CAS No.:	1497439-74-3
Molecular Formula:	C ₂₂ H ₂₆ N ₂ O
Molecular Weight:	334.45
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AD-8007 is an acetyl CoA synthase 2 (ACSS2) inhibitor that can cross the blood-brain barrier. AD-8007 can significantly reduce lipid storage and cell colony formation in vitro models, and increase tumor cell death. AD-8007 has anti-cancer activity and can be used in the research of breast cancer ^[1] .
IC ₅₀ & Target	Acetyl-CoA synthetase 2 (ACSS2) ^[1] .

REFERENCES

[1]. Esquea E, et al. Discovery of novel brain permeable human ACSS2 inhibitors for blocking breast cancer brain metastatic growth. bioRxiv [Preprint]. 2023 Dec 23:2023.12.22.573073.

[2]. Esquea E, et al. Discovery of novel brain permeable human ACSS2 inhibitors for blocking breast cancer brain metastatic growth. bioRxiv [Preprint]. 2023 Dec 23:2023.12.22.573073.

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

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