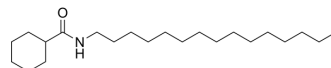


N-Cyclohexanecarbonylpentadecylamine

Cat. No.:	HY-121975
CAS No.:	702638-84-4
Molecular Formula:	C ₂₂ H ₄₃ NO
Molecular Weight:	337.58
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N-Cyclohexanecarbonylpentadecylamine (Compound 1) is an inhibitor of N-Acylethanolamine hydrolyzing acid amidase (NAAA) with an IC ₅₀ of 4.5 μM. N-Cyclohexanecarbonylpentadecylamine can be used in the research of inflammation and pain [1].
IC ₅₀ & Target	IC ₅₀ : 4.5 μM (NAAA) ^[1] .

REFERENCES

[1]. Yamano Y, et al. Lipophilic amines as potent inhibitors of N-acylethanolamine-hydrolyzing acid amidase[J]. Bioorganic & medicinal chemistry, 2012, 20(11): 3658-3665.

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

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