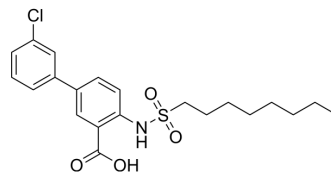


GPAT-IN-1

Cat. No.:	HY-153628
CAS No.:	1204347-51-2
Molecular Formula:	C ₂₁ H ₂₆ ClNO ₄ S
Molecular Weight:	423.95
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GPAT-IN-1 is a glycerol-3-phosphate acyltransferase (GPAT) inhibitor with an IC ₅₀ value of 8.9 μM. GPAT-IN-1 can be used for the research of obesity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 8.9 μM (GPAT) ^[1]
In Vitro	GPAT-IN-1 (Compound 13b) can inhibit GPAT with an IC ₅₀ value of 8.9 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Outlaw VK, et al. Design, Synthesis, and Evaluation of 4- and 5-Substituted o-(Octanesulfonamido)benzoic Acids as Inhibitors of Glycerol-3-Phosphate Acyltransferase. Medchemcomm. 2014;5(6):826-830.

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

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