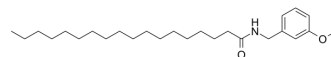


N-(3-Methoxybenzyl)stearamide

Cat. No.:	HY-W403075
CAS No.:	1429659-99-3
Molecular Formula:	C ₂₆ H ₄₅ NO ₂
Molecular Weight:	403.64
Target:	Epoxide Hydrolase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N-(3-Methoxybenzyl)stearamide a natural product from <i>Lepidium meyenii</i> (Maca), inhibits human and mouse soluble epoxide hydrolase (hsEH and msEH) with IC ₅₀ s of 0.001 and <0.001 µg/nM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 16.077 µM (human sEH), 28.676 µM (rat sEH), 89.850 µM (mouse sEH) ^[1]

REFERENCES

[1]. Singh N, et al. N-Benzyl-linoleamide, a Constituent of *Lepidium meyenii* (Maca), Is an Orally Bioavailable Soluble Epoxide Hydrolase Inhibitor That Alleviates Inflammatory Pain. *J Nat Prod.* 2020 Dec 24;83(12):3689-3697.

[2]. Nalin Singh, et al. N-Benzyl-linoleamide, a Constituent of *Lepidium meyenii* (Maca), Is an Orally Bioavailable Soluble Epoxide Hydrolase Inhibitor That Alleviates Inflammatory Pain. *J Nat Prod.* 2020 Dec 24;83(12):3689-3697.

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

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