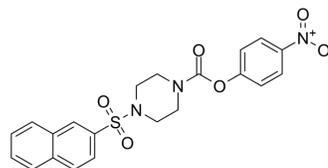


FAAH-IN-5

Cat. No.:	HY-146341
CAS No.:	1338575-38-4
Molecular Formula:	C ₂₁ H ₁₉ N ₃ O ₆ S
Molecular Weight:	441.46
Target:	FAAH; MAGL
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FAAH-IN-5 (Compound 7) is a relative selective, irreversible fatty acid amide hydrolase (FAAH) inhibitor with an IC ₅₀ of 10.5 nM. FAAH-IN-5 shows low PAMPA (Parallel Artificial Membrane Permeability Assay) permeability ^[1] .
IC ₅₀ & Target	IC ₅₀ : 10.5 nM (FAAH), 283 nM (MAGL) ^[1]

REFERENCES

[1]. Alan Fulp, et al. Design and synthesis of endocannabinoid enzyme inhibitors for ocular indications. *Bioorg Med Chem Lett*. 2022 Jul 15;68:128763.

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

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