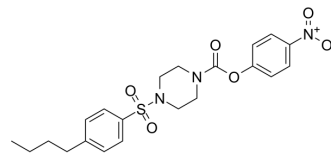


FAAH/MAGL-IN-3

Cat. No.:	HY-146342
CAS No.:	2848719-34-4
Molecular Formula:	C ₂₁ H ₂₅ N ₃ O ₆ S
Molecular Weight:	447.5
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/MAGL-IN-3 (Compound 10) is an irreversible fatty acid amide hydrolase (FAAH) and monoacylglycerol lipase (MAGL) dual inhibitor with IC ₅₀ values of 179 and 759 nM against FAAH and MAGL, respectively. FAAH/MAGL-IN-3 shows low PAMPA (Parallel Artificial Membrane Permeability Assay) permeability ^[1] .
IC ₅₀ & Target	IC ₅₀ : 179 nM (FAAH), 759 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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