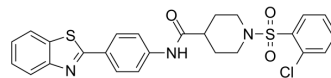


Dual FAAH/sEH-IN-1

Cat. No.:	HY-144738
CAS No.:	2756099-59-7
Molecular Formula:	C ₂₅ H ₂₂ ClN ₃ O ₃ S ₂
Molecular Weight:	512.04
Target:	Epoxide Hydrolase; FAAH
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dual FAAH/sEH-IN-1 (compound 3) is a high affinity dual sEH (soluble epoxide hydrolase) and FAAH (fatty acid amide hydrolase) inhibitor, with IC ₅₀ values of 9.6 and 7 nM, respectively. Dual FAAH/sEH-IN-1 shows antinociception against the inflammatory phase ^[1] .
IC ₅₀ & Target	IC ₅₀ : 9.6 nM (sEH) and 7 nM (FAAH) ^[1]

REFERENCES

[1]. Wilt S, Kodani S, Valencia L, et al. Further exploration of the structure-activity relationship of dual soluble epoxide hydrolase/fatty acid amide hydrolase inhibitors. *Bioorg Med Chem.* 2021;51:116507.

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

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