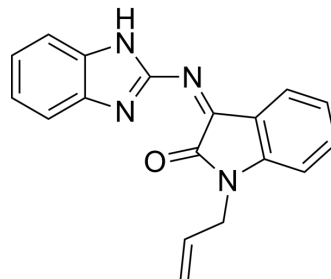


FAAH-IN-8

Cat. No.:	HY-157132
CAS No.:	2867633-84-7
Molecular Formula:	C ₁₈ H ₁₄ N ₄ O
Molecular Weight:	302.33
Target:	FAAH
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-8 (compound 11) is a competitive inhibitor of FAAH with an IC₅₀ value of 6.7 nM and a K_i value of 5 nM. FAAH-IN-8 has high blood-brain permeability and a significant antioxidant profile with no neurotoxicity^[1].

REFERENCES

[1]. Shivani Jaiswal, et al. Lead optimization study on indoline-2,3-dione derivatives as potential fatty acid amide hydrolase inhibitors. *J Biomol Struct Dyn*. 2023, 41 19.

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

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