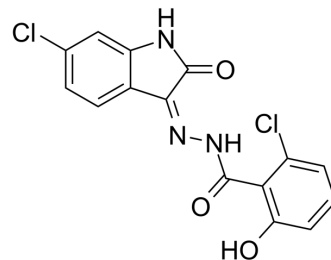


FAAH/MAGL-IN-1

Cat. No.:	HY-143263
Molecular Formula:	C ₁₅ H ₉ Cl ₂ N ₃ O ₃
Molecular Weight:	350.16
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-1 (compound SIH 3) is a potent FAAH and MAGL inhibitor with IC ₅₀ s of 31 nM and 29 nM, respectively. FAAH/MAGL-IN-1 has the potential for the research of neuropathic pain ^[1] .
IC₅₀ & Target	IC ₅₀ : 31 nM (FAAH); 29 nM (MAGL) ^[1]

REFERENCES

[1]. Jaiswal S, et al. Synthesis and evaluation of dual fatty acid amide hydrolase-monoacylglycerol lipase inhibition and antinociceptive activities of 4-methylsulfonylaniline-derived semicarbazones. *Bioorg Med Chem.* 2022; 60:116698.

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

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