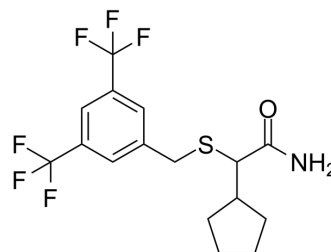


mEH-IN-1

Cat. No.:	HY-146696
CAS No.:	2418576-06-2
Molecular Formula:	C ₁₆ H ₁₇ F ₆ NOS
Molecular Weight:	385.37
Target:	Epoxide Hydrolase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

mEH-IN-1 (Compound 62) is a potent microsomal epoxide hydrolase (mEH) inhibitor with the IC₅₀ of 2.2 nM. The mEH is a mammalian α/β -fold hydrolase enzyme, expressed in almost all tissues, hydrolyzes a wide range of epoxide containing molecules. The mEH is mainly localized in the endoplasmic reticulum (ER) of eukaryotic cells. mEH-IN-1 can be used for the research of preeclampsia, hypercholanemia and cancer^[1].

REFERENCES

[1]. Bogdan Barnych, et al. Development of potent inhibitors of the human microsomal epoxide hydrolase. *Eur J Med Chem.* 2020 May 1;193:112206.

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

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