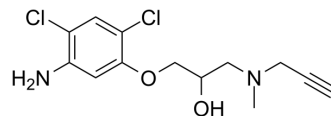


MAOA-IN-1

Cat. No.:	HY-149408
Molecular Formula:	C ₁₃ H ₁₆ Cl ₂ N ₂ O ₂
Molecular Weight:	303.18
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MAOA-IN-1 (compound 15) is an orally active MAOA inhibitor with cytotoxicity against prostate cancer cells. MAOA-IN-1 has Caco-2 permeability and lower CNS permeability. MAOA-IN-1 can be further used in the research of anti-cancer and anti-inflammatory indications ^[1] .
IC ₅₀ & Target	Monoamine Oxidase A (MAO-A) ^[1]

REFERENCES

[1]. Jacobs MR, et al. Synthesis and anti-cancer potential of potent peripheral MAOA inhibitors designed to limit blood:brain penetration. Bioorg Med Chem. 2023 Sep 7;92:117425.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA