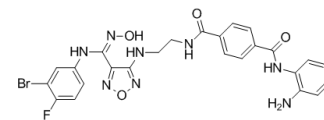


IDO1 and HDAC1 Inhibitor

Cat. No.:	HY-112147
Molecular Formula:	C ₂₅ H ₂₂ BrFN ₈ O ₄
Molecular Weight:	597.4
Target:	Indoleamine 2,3-Dioxygenase (IDO); HDAC
Pathway:	Metabolic Enzyme/Protease; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	IDO1 and HDAC1 Inhibitor (Compound 10) is a dual IDO1 and HDAC1 inhibitor with IC ₅₀ s of 69.0 nM and 66.5 nM, respectively ^[1] .	
IC ₅₀ & Target	IDO1 69.0 nM (IC ₅₀)	HDAC1 66.5 nM (IC ₅₀)

REFERENCES

[1]. Fang K, et al. Discovery of Novel Indoleamine 2,3-Dioxygenase 1 (IDO1) and Histone Deacetylase (HDAC) Dual Inhibitors. ACS Med Chem Lett. 2018 Mar 26;9(4):312-317.

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

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