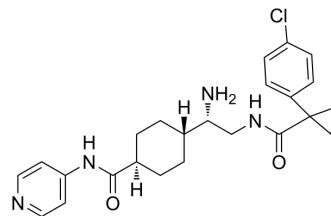


CIDD-0072424

Cat. No.:	HY-158051
Molecular Formula:	C ₂₄ H ₂₉ ClN ₄ O ₂
Molecular Weight:	440.97
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CIDD-0072424 selectively inhibits Protein Kinase C-epsilon (PKCε) (K _i = 54 nM). CIDD-0072424 reduces ethanol consumption and preference in a dose-dependent manner ^[1] .
IC ₅₀ & Target	PKCε 54 nM (K _i)

REFERENCES

[1]. De Kraker H, et al. Asymmetric Synthesis of CIDD-0072424 via an Enantioselective Nitro-Mannich Reaction: A Central Nervous System Penetrant, Selective Small Molecule Inhibitor of Protein Kinase C Epsilon. J Org Chem. 2024 Apr 5;89(7):5134-5141.

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

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