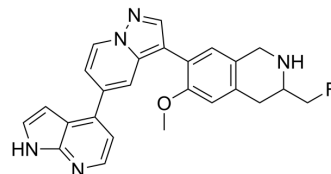


PKCiota-IN-1

Cat. No.:	HY-122857
CAS No.:	2230052-97-6
Molecular Formula:	C ₂₅ H ₂₂ FN ₅ O
Molecular Weight:	427.47
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PKCiota-IN-1 (compound 51) is a potent PKCiota (PKC-ι) inhibitor with an IC ₅₀ of 2.7 nM. PKCiota-IN-1 also inhibits PKC-α and PKC-ε with IC ₅₀ s of 45 nM and 450 nM, respectively ^[1] .		
IC₅₀ & Target	PKCι 2.7 nM (IC ₅₀)	PKCα 45 nM (IC ₅₀)	PKCε 450 nM (IC ₅₀)

REFERENCES

[1]. Jacek Kwiatkowski, et al. Fragment-Based Drug Discovery of Potent Protein Kinase C Iota Inhibitors. J Med Chem. 2018 May 24;61(10):4386-4396.

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

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