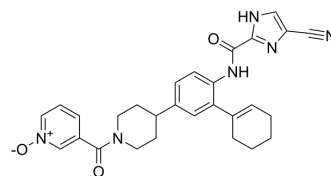


PI3K α -IN-19

Cat. No.:	HY-163360
CAS No.:	885692-56-8
Molecular Formula:	C ₂₈ H ₂₈ N ₆ O ₃
Molecular Weight:	496.56
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PI3K α -IN-19 (Compound 1) is a PI3K α inhibitor with a targeted binding site at the p110 α catalytic subunit. PI3K α is one of the most common dysregulated kinases used in cancer research ^[1] .
IC ₅₀ & Target	p110 α

REFERENCES

[1]. Shafiq, Muhammad et al. "A deep learning-based theoretical protocol to identify potentially isoform-selective PI3K α inhibitors." Molecular diversity, 10.1007/s11030-023-10799-0. 2 Feb. 2024.

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

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