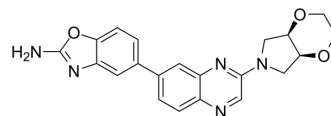


PI3K α -IN-13

Cat. No.:	HY-156018
CAS No.:	2955529-67-4
Molecular Formula:	C ₂₁ H ₁₉ N ₅ O ₃
Molecular Weight:	389.41
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-13 (Compound 18a) is a PI3K α inhibitor (IC ₅₀ : 2.5 nM). PI3K α -IN-13 induces tumor cell apoptosis. PI3K α -IN-13 inhibits cancer cell proliferation with IC ₅₀ s of 0.75 μ M (MCF-7), 3.79 μ M (HCT-116), 13.71 μ M (MDA-MB-231), 9.85 μ M (SW620), respectively. PI3K α -IN-13 inhibits tumor cell colony formation, migration and invasion ^[1] .
IC ₅₀ & Target	PI3K α

REFERENCES

[1]. Zheng XM, et al. Design, synthesis and bioevaluation of PI3K α -selective inhibitors as potential colorectal cancer drugs. Eur J Med Chem. 2023 Nov 15;260:115754.

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

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