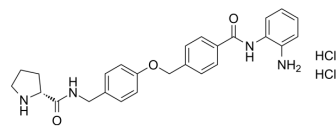


GK718

Cat. No.:	HY-155329
CAS No.:	3032392-65-4
Molecular Formula:	C ₂₆ H ₃₀ Cl ₂ N ₄ O ₃
Molecular Weight:	517.45
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GK718 is a HDAC1/3 inhibitor (IC ₅₀ : 259 and 139 nM respectively). GK718 increased acetylated histone H3 level in cells. GK718 inhibits Bleomycin (HY-108345) induced pulmonary fibrosis in mice ^[1] .
IC ₅₀ & Target	HDAC inhibitor https://pubs.acs.org/doi/10.1021/acs.jmedchem.3c01422 (Compd 21b); https://pubs.acs.org/doi/10.1021/acs.jmedchem.3c01422 20231017

REFERENCES

[1]. Gerokonstantis DT, et al. N-(2-Aminophenyl)-benzamide Inhibitors of Class I HDAC Enzymes with Antiproliferative and Antifibrotic Activity. J Med Chem. 2023 Oct 26;66(20):14357-14376.

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

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