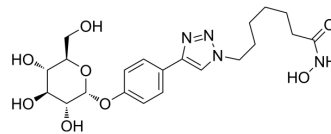


STR-V-53

Cat. No.:	HY-161412
CAS No.:	2798954-66-0
Molecular Formula:	C ₂₁ H ₃₀ N ₄ O ₈
Molecular Weight:	466.48
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

STR-V-53 is an HDAC inhibitor (IC₅₀ in nM). STR-V-53 increases histone acetylation in tumor cells by inhibiting the activity of these enzymes, which in turn regulates gene expression. STR-V-53 inhibits tumor growth, and induces apoptosis^[1].

REFERENCES

[1]. Wu B, et al. A Novel Liver Cancer-Selective Histone Deacetylase Inhibitor Is Effective Against Hepatocellular Carcinoma and Induces Durable Responses with Immunotherapy. bioRxiv [Preprint]. 2024 Mar 28:2024.03.27.587062.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA