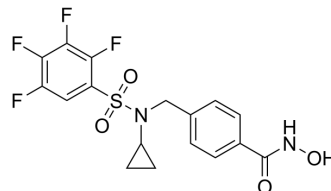


KT-531

Cat. No.:	HY-128436
CAS No.:	2490284-18-7
Molecular Formula:	C ₁₇ H ₁₄ F ₄ N ₂ O ₄ S
Molecular Weight:	418.36
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

KT-531 is a potent and selective inhibitor of HDAC6 with an IC₅₀ of 8.5 nM. KT-531 exhibits strong inhibition against SUP-T11 cells with an IC₅₀ of 0.42 μM. KT-531 can be used in study hematological cancers^[1].

REFERENCES

[1]. Toutah K, et al. Development of HDAC Inhibitors Exhibiting Therapeutic Potential in T-Cell Prolymphocytic Leukemia. *J Med Chem.* 2021 Jun 24;64(12):8486-8509.

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