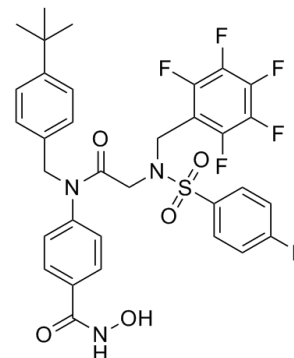


AES-135

Cat. No.:	HY-114483
Molecular Formula:	C ₃₃ H ₂₉ F ₆ N ₃ O ₅ S
Molecular Weight:	693.66
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	AES-135 is a potent HDAC inhibitor, inhibits HDAC3, HDAC6, HDAC11 with IC ₅₀ s of 654, 190, and 636 nM, respectively. Anti-tumor activity ^[1] .		
IC ₅₀ & Target	HDAC6 190 nM (IC ₅₀)	HDAC11 636 nM (IC ₅₀)	HDAC3 654 nM (IC ₅₀)

REFERENCES

[1]. Shouksmith AE, et al. Identification and Characterization of AES-135, a Hydroxamic Acid-Based HDAC Inhibitor That Prolongs Survival in an Orthotopic Mouse Model of Pancreatic Cancer. *J Med Chem.* 2019 Mar 14;62(5):2651-2665.

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

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