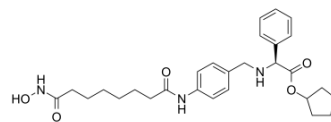


Tefinostat

Cat. No.:	HY-106409
CAS No.:	914382-60-8
Molecular Formula:	C ₂₈ H ₃₇ N ₃ O ₅
Molecular Weight:	495.61
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Tefinostat (CHR-2845) is a monocyte/macrophage-targeted pan HDAC inhibitor, cleaved into active acid CHR-2847 by the intracellular esterase human carboxylesterase-1 (hCE-1). Anti-monocytoid lineage leukaemias activity ^[1] .
IC ₅₀ & Target	HDAC

REFERENCES

[1]. Zabkiewicz J, et al. The targeted histone deacetylase inhibitor tefinostat (CHR-2845) shows selective in vitro efficacy in monocytoid-lineage leukaemias. *Oncotarget*. 2016 Mar 29;7(13):16650-62.

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

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