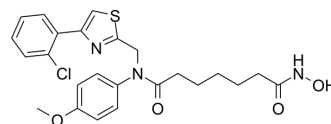


HR488B

Cat. No.:	HY-163090
Molecular Formula:	C ₂₄ H ₂₆ ClN ₃ O ₄ S
Molecular Weight:	488
Target:	HDAC; Reactive Oxygen Species; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HR488B is an efficient HDAC1 inhibitor. HR488B specifically suppressed the growth of CRC cells by inducing cell cycle G0/G1 arrest and apoptosis. HR488B causes mitochondrial dysfunction, reactive oxygen species (ROS) generation, and DNA damage accumulation ^[1] .
IC ₅₀ & Target	HDAC1

REFERENCES

[1]. Namin Duan, et al. Targeting the E2F1/Rb/HDAC1 axis with the small molecule HR488B effectively inhibits colorectal cancer growth. Cell Death Dis. 2023, 4, 12.

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

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