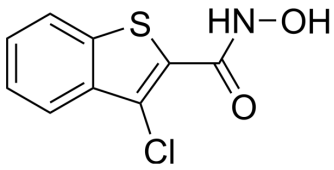
J1075

Cat. No.:	HY-119550
CAS No.:	383892-69-1
Molecular Formula:	$C_9H_6ClNO_2S$
Molecular Weight:	227.67
Target:	HDAC; Parasite
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	J1075 is a selective Schistosoma mansoni HDAC8 inhibitor (with decreased affinity for human HDAC8). J1075 can induce apoptosis (Apoptosis) and death in schistosome cells. J1075 holds research value in the field of anti-parasitic agents[1].
IC_{50} & Target	HDAC8

REFERENCES

[1]. Marek M, et al. Structural basis for the inhibition of histone deacetylase 8 (HDAC8), a key epigenetic player in the blood fluke Schistosoma mansoni. PLoS Pathog. 2013;9(9):e1003645.

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