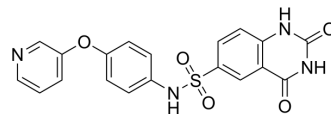


SIRT2/6-IN-1

Cat. No.:	HY-123194		
CAS No.:	1214468-35-5		
Molecular Formula:	C ₁₉ H ₁₄ N ₄ O ₅ S		
Molecular Weight:	410.4		
Target:	Histone Demethylase; Sirtuin		
Pathway:	Epigenetics; Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	SIRT2/6-IN-1 (Compound 5) is a SIRT6/SIRT2 inhibitor, with IC ₅₀ s of 106 μM and 114 μM. SIRT2/6-IN-1 increases H3K9 acetylation, increases glucose uptake and reduces TNF-α secretion in cells ^[1] .
IC ₅₀ & Target	106 μM and 114 μM (SIRT6/SIRT2) ^[1]

REFERENCES

[1]. Parenti MD, et al. Discovery of novel and selective SIRT6 inhibitors. J Med Chem. 2014 Jun 12;57(11):4796-804.

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

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