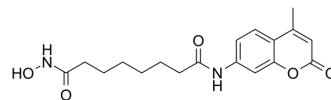


## Coumarin-SAHA

Cat. No.:	HY-126829
CAS No.:	1260635-77-5
Molecular Formula:	C <sub>18</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	346.38
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Coumarin-SAHA is a fluorescent probe for determining the binding affinities ( $k_d$ ) and the dissociation off-rates ( $k_{off}$ ) of the HDAC8-inhibitor complexes <sup>[1]</sup> .
IC <sub>50</sub> & Target	HDAC8

### REFERENCES

[1]. Raushan K Singh, et al. Coumarin-suberoylanilide hydroxamic acid as a fluorescent probe for determining binding affinities and off-rates of histone deacetylase inhibitors. Anal Biochem

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

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