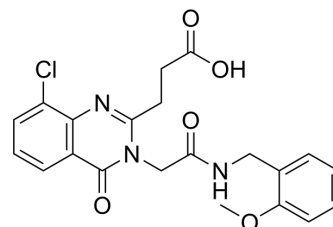


SGC-UBD253

Cat. No.:	HY-155697		
Molecular Formula:	C ₂₁ H ₂₀ ClN ₃ O ₅		
Molecular Weight:	429.85		
Target:	HDAC		
Pathway:	Cell Cycle/DNA Damage; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (23.26 mM; Need ultrasonic and warming)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.3264 mL	11.6320 mL	23.2639 mL	
5 mM	0.4653 mL	2.3264 mL	4.6528 mL	
10 mM	0.2326 mL	1.1632 mL	2.3264 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

SGC-UBD253 is a potent HDAC6-UBD antagonist. SGC-UBD253 can be used in research of cancer^[1].

REFERENCES

[1]. Harding RJ, et, al. Discovery and Characterization of a Chemical Probe Targeting the Zinc-Finger Ubiquitin-Binding Domain of HDAC6. J Med Chem. 2023 Aug 10;66(15):10273-10288.

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

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