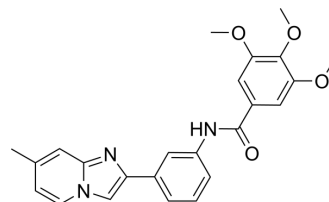


Sirtuin modulator 3

Cat. No.:	HY-Q49697		
CAS No.:	708995-11-3		
Molecular Formula:	C ₂₄ H ₂₃ N ₃ O ₄		
Molecular Weight:	417.46		
Target:	Sirtuin		
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 : 250 mg/mL (598.86 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3954 mL	11.9772 mL	23.9544 mL
	5 mM	0.4791 mL	2.3954 mL	4.7909 mL
	10 mM	0.2395 mL	1.1977 mL	2.3954 mL

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

BIOLOGICAL ACTIVITY

Description

Sirtuin modulator 3 (compound 129) is a N-phenyl benzamide derivative, acts as a sirtuin modulator^[1].

REFERENCES

[1]. Milburn Michael, et al. Preparation of N-phenyl benzamide derivatives as sirtuin modulators: World Intellectual Property Organization, WO2006094236[P]. 2006-09-08.

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

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