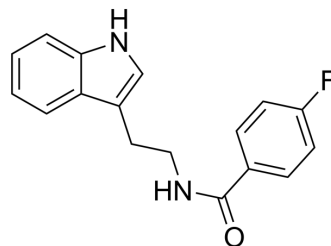


Z26395438

Cat. No.:	HY-155725		
CAS No.:	2803-63-6		
Molecular Formula:	C ₁₇ H ₁₅ FN ₂ O		
Molecular Weight:	282.31		
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 : 50 mg/mL (177.11 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.5422 mL	17.7110 mL	35.4221 mL
5 mM	0.7084 mL	3.5422 mL	7.0844 mL
10 mM	0.3542 mL	1.7711 mL	3.5422 mL

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

BIOLOGICAL ACTIVITY

Description Z26395438 (compound 1) is a potent Sirtuin-1 inhibitor, with an IC₅₀ value of 1.6 μM^[1].

IC₅₀ & Target Sirtuin-1^[1]

REFERENCES

[1]. Gryniukova A, et al. AI-Powered Virtual Screening of Large Compound Libraries Leads to the Discovery of Novel Inhibitors of Sirtuin-1. J Med Chem. 2023 Aug 10;66(15):10241-10251.

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

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