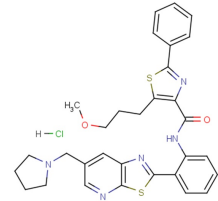


Data Sheet (Cat.No.T12922)

Sirtuin modulator 1

Chemical Properties

CAS No.:	2070015-26-6
Formula:	C ₃₁ H ₃₂ CIN ₅ O ₂ S ₂
Molecular Weight:	606.2
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Sirtuin modulator 1 is a SIRT1 modulator, a homolog of SIRT3, (EC1.5 of < 1 μM)
Targets(IC ₅₀)	SIRT1: 1 μM (EC1.5)

Solubility Information

Solubility	DMSO: 12.5 mg/mL (20.62 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.65 mL	8.248 mL	16.496 mL
5 mM	0.33 mL	1.65 mL	3.299 mL
10 mM	0.165 mL	0.825 mL	1.65 mL
50 mM	0.033 mL	0.165 mL	0.33 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Thiazolopyridine sirtuin modulating compounds. WO 2010071853 A1

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481