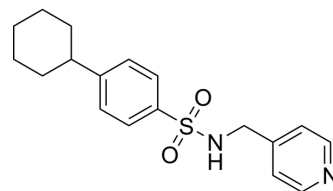


PU.1-IN-1

Cat. No.:	HY-W176171		
CAS No.:	873588-27-3		
Molecular Formula:	C ₁₈ H ₂₂ N ₂ O ₂ S		
Molecular Weight:	330.44		
Target:	Others		
Pathway:	Others		
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 : 125 mg/mL (378.28 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.0263 mL	15.1313 mL	30.2627 mL
	5 mM	0.6053 mL	3.0263 mL	6.0525 mL
	10 mM	0.3026 mL	1.5131 mL	3.0263 mL

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

BIOLOGICAL ACTIVITY

Description

PU.1-IN-1 (compound A11) is a potent PU.1 inhibitor with an IC₅₀ of 2 nM. PU.1-IN-1 has anti-inflammatory properties^[1].

REFERENCES

[1]. Li-Huei Tsai, et al. Systems and assays for identifying pu.1 inhibitors. WO2021051016A1.

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

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