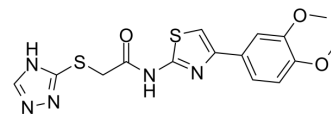


MLS001006105

Cat. No.:	HY-W193844
CAS No.:	455310-36-8
Molecular Formula:	C ₁₅ H ₁₅ N ₅ O ₃ S ₂
Molecular Weight:	377.44
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 (331.18 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.6494 mL	13.2471 mL	26.4943 mL
		5 mM		0.5299 mL	2.6494 mL	5.2989 mL
		10 mM		0.2649 mL	1.3247 mL	2.6494 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.51 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.51 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.51 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	MLS001006105 is used for biological test against the protein target: lamin isoform A-delta10 ^[1] .
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REFERENCES

[1]. N-[4-(3,4-dimethoxyphenyl)-1,3-thiazol-2-yl]-2-(1H-1,2,4-triazol-5-ylsulfanyl)acetamide

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

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