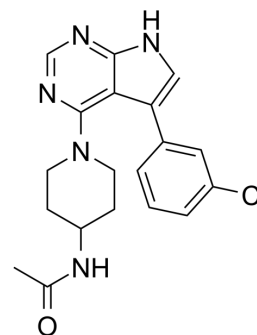


SBP-3264

Cat. No.:	HY-132969
CAS No.:	2869148-13-8
Molecular Formula:	C ₁₉ H ₂₀ ClN ₅ O
Molecular Weight:	369.85
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 62.5 mg/mL (168.99 mM); ultrasonic and warming and heat to 60°C																							
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th rowspan="2">Solvent Concentration</th> <th colspan="3">Mass</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>2.7038 mL</td> <td>13.5190 mL</td> <td>27.0380 mL</td> </tr> <tr> <td>5 mM</td> <td>0.5408 mL</td> <td>2.7038 mL</td> <td>5.4076 mL</td> </tr> <tr> <td>10 mM</td> <td>0.2704 mL</td> <td>1.3519 mL</td> <td>2.7038 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass			1 mg	5 mg	10 mg	1 mM	2.7038 mL	13.5190 mL	27.0380 mL	5 mM	0.5408 mL	2.7038 mL	5.4076 mL	10 mM	0.2704 mL	1.3519 mL	2.7038 mL			
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Please refer to the solubility information to select the appropriate solvent.																								
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.62 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.62 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.62 mM); Clear solution 																							

BIOLOGICAL ACTIVITY

Description	SBP-3264 is a valuable chemical probe for understanding the roles of STK3 and STK4 in acute myeloid leukemia (AML).
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REFERENCES

[1]. Bata N, et al. Inhibitors of the Hippo Pathway Kinases STK3/MST2 and STK4/MST1 Have Utility for the Treatment of Acute Myeloid Leukemia. J Med Chem. 2021 Nov 22.

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

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