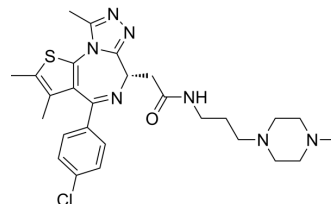


(S)-JQ-35

Cat. No.:	HY-117286												
CAS No.:	1349719-98-7												
Molecular Formula:	C ₂₇ H ₃₄ ClN ₇ OS												
Molecular Weight:	540.12												
Target:	Epigenetic Reader Domain												
Pathway:	Epigenetics												
Storage:	<table border="0"> <tr> <td>Powder</td> <td>-20°C</td> <td>3 years</td> </tr> <tr> <td></td> <td>4°C</td> <td>2 years</td> </tr> <tr> <td>In solvent</td> <td>-80°C</td> <td>2 years</td> </tr> <tr> <td></td> <td>-20°C</td> <td>1 year</td> </tr> </table>	Powder	-20°C	3 years		4°C	2 years	In solvent	-80°C	2 years		-20°C	1 year
Powder	-20°C	3 years											
	4°C	2 years											
In solvent	-80°C	2 years											
	-20°C	1 year											



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 85 mg/mL (157.37 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.8514 mL	9.2572 mL	18.5144 mL
	5 mM	0.3703 mL	1.8514 mL	3.7029 mL
	10 mM	0.1851 mL	0.9257 mL	1.8514 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (4.63 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (4.63 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (4.63 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(S)-JQ-35 (TEN-010) is an inhibitor of the Bromodomain and Extra-Terminal (BET) family bromodomain-containing proteins with potential antineoplastic activity.

REFERENCES

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

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