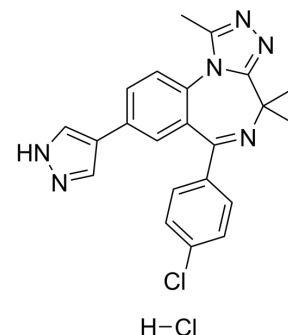


## PROTAC BRD4 ligand-2 hydrochloride

<b>Cat. No.:</b>	HY-132942A
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>6</sub>
<b>Molecular Weight:</b>	437.32
<b>Target:</b>	Ligands for Target Protein for PROTAC
<b>Pathway:</b>	PROTAC
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (228.67 mM; Need ultrasonic)				
		<b>Solvent</b>	<b>Mass</b>		
	<b>Preparing Stock Solutions</b>	<b>Concentration</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>	2.2867 mL	11.4333 mL	22.8666 mL
		<b>5 mM</b>	0.4573 mL	2.2867 mL	4.5733 mL
<b>10 mM</b>		0.2287 mL	1.1433 mL	2.2867 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.72 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	PROTAC BRD4 ligand-2 hydrochloride is a ligand for target BRD4 protein for PROTAC CFT-2718.
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### REFERENCES

[1]. Sun D, et al. Evaluation of the Small-molecule BRD4 Degrader CFT-2718 in Small-cell Lung Cancer and Pancreatic Cancer Models. Mol Cancer Ther. 2021 Aug;20(8):1367-1377.

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

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