

## Lithium chloride, 99%

<b>Cat. No.:</b>	HY-Y0649
<b>CAS No.:</b>	7447-41-8
<b>Molecular Formula:</b>	CLi
<b>Molecular Weight:</b>	42.39
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

# LiCl

### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 25 mg/mL (589.76 mM; Need ultrasonic)				
		<b>Solvent</b>	<b>Mass</b>		
		<b>Concentration</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
	<b>Preparing Stock Solutions</b>	<b>1 mM</b>	23.5905 mL	117.9523 mL	235.9047 mL
		<b>5 mM</b>	4.7181 mL	23.5905 mL	47.1809 mL
	<b>10 mM</b>	2.3590 mL	11.7952 mL	23.5905 mL	
Please refer to the solubility information to select the appropriate solvent.					

### BIOLOGICAL ACTIVITY

<b>Description</b>	Lithium chloride, 99% (LiCl, Premium grade) is a biochemical reagent that can be used as a biological material or organic compound for life science related research <sup>[1]</sup> .
<b>In Vitro</b>	GSK3β inhibitor MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Bergmeyer H U, et al. Biochemical reagents[M]//Methods of Enzymatic Analysis. Academic Press, 1965: 967-1037.

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

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