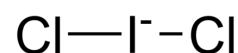
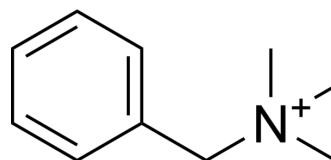


## Benzyltrimethylammonium dichloroiodide

<b>Cat. No.:</b>	HY-41685
<b>CAS No.:</b>	114971-52-7
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>16</sub> Cl <sub>2</sub> IN
<b>Molecular Weight:</b>	348.05
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<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 (287.32 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	2.8732 mL	14.3658 mL	28.7315 mL
		5 mM	0.5746 mL	2.8732 mL	5.7463 mL
	10 mM	0.2873 mL	1.4366 mL	2.8732 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 (7.18 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.18 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Benzyltrimethylammonium dichloroiodide is an organic compound commonly used as a catalyst and surfactant. It can play a catalytic role in some organic synthesis reactions, and can be used as a cleaning agent, lubricant and emulsifier. In addition, the compound is widely used in certain industrial fields, such as in the plastic, rubber and textile manufacturing processes.
<b>In Vitro</b>	Benzyltrimethylammonium dichloroiodide is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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