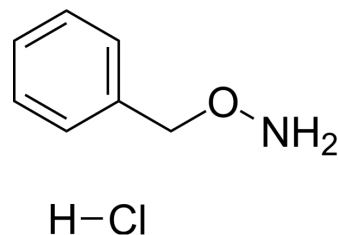


O-Benzylhydroxylamine hydrochloride

Cat. No.: HY-41915
CAS No.: 2687-43-6
Molecular Formula: C₇H₁₀ClNO
Molecular Weight: 159.61
Storage: 4°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (626.53 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass		
			1 mg	5 mg	10 mg
		1 mM	6.2653 mL	31.3264 mL	62.6527 mL
		5 mM	1.2531 mL	6.2653 mL	12.5305 mL
		10 mM	0.6265 mL	3.1326 mL	6.2653 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil				
	Solubility: ≥ 2.5 mg/mL (15.66 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	O-Benzylhydroxylamine hydrochloride is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	O-Benzylhydroxylamine is a building block. It has been used in the synthesis of β-lactam inhibitor precursors and fluoroquinolone derivatives with antibiotic activity. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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