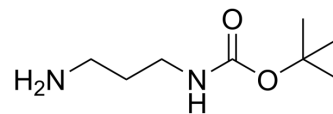


tert-Butyl (3-aminopropyl)carbamate

Cat. No.:	HY-40172
CAS No.:	75178-96-0
Molecular Formula:	C ₈ H ₁₈ N ₂ O ₂
Molecular Weight:	174.24
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (573.92 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		5.7392 mL	28.6961 mL	57.3921 mL
		5 mM		1.1478 mL	5.7392 mL	11.4784 mL
	10 mM		0.5739 mL	2.8696 mL	5.7392 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (14.35 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.35 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.35 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	tert-Butyl (3-aminopropyl)carbamate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	N-Boc-1,3-propanediamine plays a key role in the synthesis of spermidine analogues and the suzuki reaction. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA