H-Glu(OtBu)-OtBu hydrochloride

Cat. No.:	HY-20167A	
CAS No.:	32677-01-3	
Molecular Formula:	C ₁₃ H ₂₆ CINO ₄	
Molecular Weight:	295.8	
Storage:	4°C, sealed storage, away from moisture	$\bar{N}H_2$
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	H-CI

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (338.07 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg	
		1 mM	3.3807 mL	16.9033 mL	33.8066 mL	
		5 mM	0.6761 mL	3.3807 mL	6.7613 mL	
		10 mM	0.3381 mL	1.6903 mL	3.3807 mL	
	Please refer to the sol	ubility information to select the ap	propriate solvent.			
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (8.45 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (8.45 mM); Clear solution					
	3. Add each solvent o Solubility: ≥ 2.5 mg	one by one: 10% DMSO >> 90% con g/mL (8.45 mM); Clear solution	rn oil			

BIOLOGICAL ACTIVITY				
Description	H-Glu(OtBu)-OtBu hydrochloride is a glutamate derivative that can be used for substance P antagonist synthesis ^[1] .			
IC ₅₀ & Target	Substance P ^[1]			

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

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