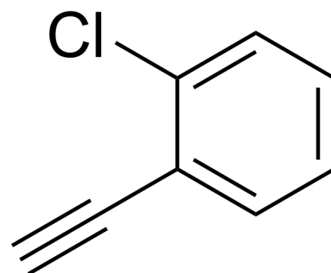


1-Chloro-2-ethynylbenzene

Cat. No.:	HY-W002586
CAS No.:	873-31-4
Molecular Formula:	C ₈ H ₅ Cl
Molecular Weight:	136.58
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (732.17 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	7.3217 mL	36.6086 mL	73.2172 mL
		5 mM	1.4643 mL	7.3217 mL	14.6434 mL
		10 mM	0.7322 mL	3.6609 mL	7.3217 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (18.30 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (18.30 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	1-Chloro-2-ethynylbenzene is a biochemical reagent that can be used as a biological material or organic compound for life science related research. 1-Chloro-2-ethynylbenzene is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
In Vitro	2-Chlorophenylacetylene is used as pharmaceutical intermediate. 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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