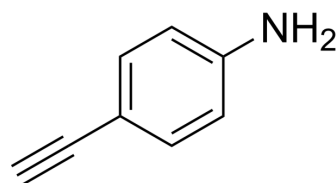


## 4-Ethynylaniline

Cat. No.:	HY-W004660
CAS No.:	14235-81-5
Molecular Formula:	C <sub>8</sub> H <sub>7</sub> N
Molecular Weight:	117.15
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (853.61 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	8.5361 mL	42.6803 mL	85.3606 mL
			5 mM	1.7072 mL	8.5361 mL	17.0721 mL
10 mM	0.8536 mL	4.2680 mL	8.5361 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 (21.34 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (21.34 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (21.34 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	4-Ethynylaniline is a biochemical reagent that can be used as a biological material or organic compound for life science related research. 4-Ethynylaniline is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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