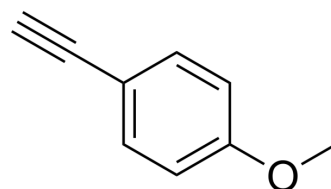


## 4-Ethynylanisole

Cat. No.:	HY-W004104	
CAS No.:	768-60-5	
Molecular Formula:	C <sub>9</sub> H <sub>8</sub> O	
Molecular Weight:	132.16	
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	Pure form	-20°C 3 years
		4°C 2 years
	In solvent	-80°C 6 months
		-20°C 1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (756.66 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions	1 mM	7.5666 mL	37.8329 mL
	5 mM	1.5133 mL	7.5666 mL	
	10 mM	0.7567 mL	3.7833 mL	7.5666 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 (18.92 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (18.92 mM); Clear solution			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (18.92 mM); Clear solution			

### BIOLOGICAL ACTIVITY

Description	4-Ethynylanisole is a biochemical reagent that can be used as a biological material or organic compound for life science related research. 4-Ethynylanisole 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	4-Ethynylanisole was used in the synthesis of photo luminescent 1,2-dihydrophosphinines via a [4+2] cycloaddition. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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