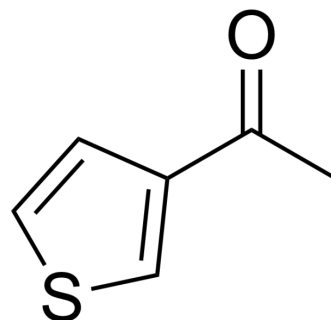


## 3-Acetylthiophene

Cat. No.:	HY-W007361
CAS No.:	1468-83-3
Molecular Formula:	C <sub>6</sub> H <sub>6</sub> OS
Molecular Weight:	126.18
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 (792.52 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	7.9252 mL	39.6259 mL	79.2519 mL
				5 mM	1.5850 mL	7.9252 mL	15.8504 mL
				10 mM	0.7925 mL	3.9626 mL	7.9252 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 (19.81 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (19.81 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (19.81 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	3-Acetylthiophene is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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