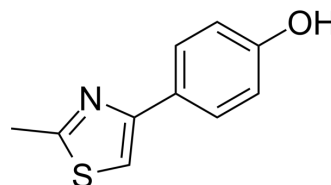


## 4-(2-Methyl-4-thiazolyl)phenol

<b>Cat. No.:</b>	HY-D0126
<b>CAS No.:</b>	30686-73-8
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>9</sub> NOS
<b>Molecular Weight:</b>	191.25
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (261.44 mM); ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.2288 mL	26.1438 mL	52.2876 mL
	5 mM	1.0458 mL	5.2288 mL	10.4575 mL
	10 mM	0.5229 mL	2.6144 mL	5.2288 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 1 mg/mL (5.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 1 mg/mL (5.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 1 mg/mL (5.23 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

4-(2-Methylthiazol-4-yl)phenol is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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

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