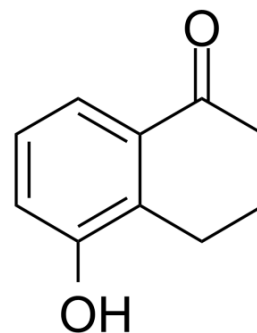


## 5-Hydroxy-1-tetralone

Cat. No.:	HY-76981
CAS No.:	28315-93-7
Molecular Formula:	C <sub>10</sub> H <sub>10</sub> O <sub>2</sub>
Molecular Weight:	162.19
Target:	Others
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 : 6 mg/mL (36.99 mM; Need ultrasonic)					
	H <sub>2</sub> O : < 0.1 mg/mL (insoluble)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	6.1656 mL	30.8280 mL	61.6561 mL
			5 mM	1.2331 mL	6.1656 mL	12.3312 mL
10 mM			0.6166 mL	3.0828 mL	6.1656 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: ≥ 0.6 mg/mL (3.70 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.6 mg/mL (3.70 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	5-hydroxy-1-tetralone can be used as a fluorescent labeling reagent for the determination of glycosphingolipid from biological samples <sup>[1]</sup> .
IC <sub>50</sub> & Target	Fluorescent labeling <sup>[1]</sup>

### REFERENCES

[1]. Watanabe K, et al. Fluorometric detection of glycosphingolipids on thin-layer chromatographic plates. J Lipid Res. 1995 Aug;36(8):1848-55.

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

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