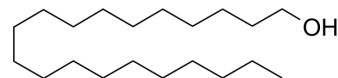


## 1-Eicosanol

Cat. No.:	HY-W004263		
CAS No.:	629-96-9		
Molecular Formula:	C <sub>20</sub> H <sub>42</sub> O		
Molecular Weight:	298.55		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 2 mg/mL (6.70 mM; ultrasonic and warming and heat to 60°C)

H<sub>2</sub>O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		3.3495 mL	16.7476 mL	33.4952 mL
	5 mM		0.6699 mL	3.3495 mL	6.6990 mL
	10 mM		---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

1-Eicosanol is a natural compound with antioxidant activity isolated from *Hypericum carinatum*<sup>[1]</sup>.

### REFERENCES

[1]. Bernardi AP, et al. Benzophenones from *Hypericum carinatum*. *Journal of Natural Products*, 01 May 2005, 68(5):784-786.

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

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