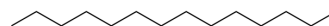


Tetradecane

Cat. No.:	HY-W094846		
CAS No.:	629-59-4		
Molecular Formula:	C ₁₄ H ₃₀		
Molecular Weight:	198.39		
Target:	Others		
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 : 4.55 mg/mL (22.93 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.0406 mL	25.2029 mL	50.4058 mL
	5 mM	1.0081 mL	5.0406 mL	10.0812 mL
	10 mM	0.5041 mL	2.5203 mL	5.0406 mL

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

BIOLOGICAL ACTIVITY

Description

Tetradecane is an alkane containing 14 carbon atoms^[1].

REFERENCES

[1]. He Bo, et al. Tetradecane and hexadecane binary mixtures as phase change materials (PCMs) for cool storage in district cooling systems. Energy. Volume 24, Issue 12, January 1999, Pages 1015-1028.

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

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