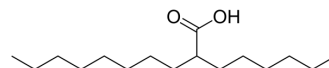


2-Hexyldecanoic acid

Cat. No.:	HY-W099632		
CAS No.:	25354-97-6		
Molecular Formula:	C ₁₆ H ₃₂ O ₂		
Molecular Weight:	256.42		
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 : 100 mg/mL (389.99 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.8999 mL	19.4993 mL	38.9985 mL
		5 mM	0.7800 mL	3.8999 mL	7.7997 mL
10 mM		0.3900 mL	1.9499 mL	3.8999 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (9.75 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.75 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	2-hexyldecanoic acid can be used as an amidating agent ^[1] .
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REFERENCES

[1]. • Lydie Antonietti, et al. Core-Shell-Structured Highly Branched Poly(ethylenimine amide)s: Synthesis and Structure.

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

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