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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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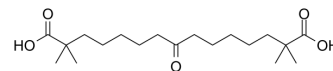
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2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid

Cat. No.:	HY-136584
CAS No.:	413624-71-2
Molecular Formula:	C ₁₉ H ₃₄ O ₅
Molecular Weight:	342.47
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 : 100 mg/mL (292.00 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.9200 mL	14.5998 mL	29.1996 mL
		5 mM		0.5840 mL	2.9200 mL	5.8399 mL
		10 mM		0.2920 mL	1.4600 mL	2.9200 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: ≥ 2.5 mg/mL (7.30 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.30 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.30 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid is a ketone compound extracted from patent WO2002030860A2, compound example II-9. 2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid can be used for the research of cardiovascular diseases, dyslipidemias, dysproteinemias, and glucose metabolism disorders ^[1] .
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REFERENCES

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

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