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Produktinformation



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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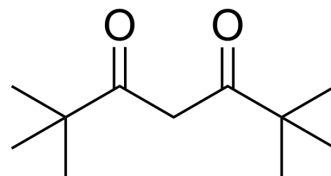
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Dipivaloylmethane

Cat. No.:	HY-34417
CAS No.:	1118-71-4
Molecular Formula:	C ₁₁ H ₂₀ O ₂
Molecular Weight:	184.28
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (271.33 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	5.4265 mL	27.1326 mL	54.2653 mL
		5 mM	1.0853 mL	5.4265 mL	10.8530 mL
		10 mM	0.5427 mL	2.7133 mL	5.4265 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 (13.57 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.57 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.57 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Dipivaloylmethane is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	Dipivaloylmethane is used in the synthesis of α-aryl-β-diketones ¹ and dicyanamidobenzene-bridge diruthenium complex. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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