



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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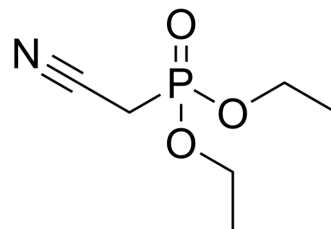
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Diethyl (cyanomethyl)phosphonate

Cat. No.:	HY-76459
CAS No.:	2537-48-6
Molecular Formula:	C ₆ H ₁₂ NO ₃ P
Molecular Weight:	177.14
Target:	Biochemical Assay Reagents
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 (564.53 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		5.6453 mL	28.2263 mL	56.4525 mL
		5 mM		1.1291 mL	5.6453 mL	11.2905 mL
		10 mM		0.5645 mL	2.8226 mL	5.6453 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 (14.11 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.11 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.11 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Diethyl (cyanomethyl)phosphonate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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Caution: Product has not been fully validated for medical applications. For research use only.

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