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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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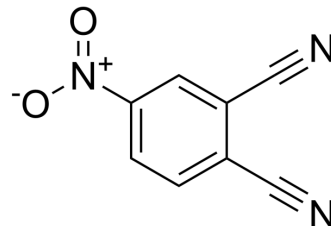
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4-Nitrophthalonitrile

Cat. No.:	HY-W018645		
CAS No.:	31643-49-9		
Molecular Formula:	C ₈ H ₃ N ₃ O ₂		
Molecular Weight:	173.13		
Target:	Biochemical Assay Reagents		
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 : 50 mg/mL (288.80 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		5.7760 mL	28.8800 mL	57.7601 mL
		5 mM		1.1552 mL	5.7760 mL	11.5520 mL
		10 mM		0.5776 mL	2.8880 mL	5.7760 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 (14.44 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.44 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	4-Nitrophthalonitrile is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	It is used as pharmaceutical intermediate. Benzoylthiophenes are allosteric enhancers (AE) of agonist activity at the A1 adenosine receptor. 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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