



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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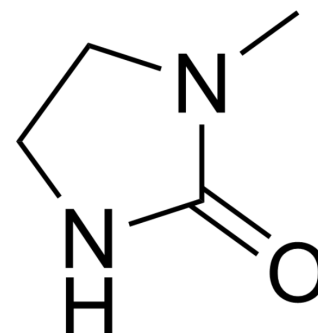
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1-Methylimidazolidin-2-one

Cat. No.:	HY-W005507
CAS No.:	694-32-6
Molecular Formula:	C ₄ H ₈ N ₂ O
Molecular Weight:	100.12
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 : 100 mg/mL (998.80 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		9.9880 mL	49.9401 mL	99.8801 mL
		5 mM		1.9976 mL	9.9880 mL	19.9760 mL
		10 mM		0.9988 mL	4.9940 mL	9.9880 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 (24.97 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (24.97 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (24.97 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	1-Methylimidazolidin-2-one is an organic compound commonly used as a solvent and intermediate. It can play a buffering and stabilizing role in some organic synthesis reactions, and can be used as a solvent in some chemical reactions and industrial production processes. In addition, the compound also has good toxicity and biocompatibility, and is widely used in some medical fields.
In Vitro	1-Methylimidazolidin-2-one is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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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