



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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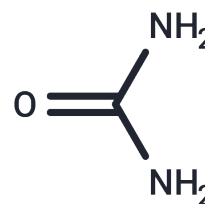
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Urea

Chemical Properties

CAS No. :	57-13-6
Formula:	CH ₄ N ₂ O
Molecular Weight:	60.06
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Urea (Carbonyldiamide) is formed in the liver from ammonia produced by the deamination of amino acids. It is the principal end metabolite of protein catabolism and accounts for about one-half of the total urinary solids.
Targets(IC50)	Others,DHFR,Wnt/beta-catenin,Arginase,Endogenous Metabolite,Carbonic Anhydrase

Solubility Information

Solubility	DMSO: 60 mg/mL (999 mM), H ₂ O: 199.8 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	16.650 mL	83.2501 mL	166.5002 mL
5 mM	3.330 mL	16.650 mL	33.300 mL
10 mM	1.665 mL	8.325 mL	16.650 mL
50 mM	0.333 mL	1.665 mL	3.330 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Shen S, et al. Environ Sci Pollut Res Int. 2014 Nov;21(21):12563-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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