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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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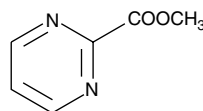
Product Information



methyl 2-Pyrimidine Carboxylate

Item No. 10007119

CAS Registry No.: 34253-03-7
Formal Name: 2-pyrimidinecarboxylic acid, methyl ester
MF: C₆H₆N₂O₂
FW: 138.1
Purity: ≥95%
Stability: ≥2 years at -20°C
Supplied as: A crystalline solid
UV/Vis.: λ_{max}: 246, 280 nm



Laboratory Procedures

For long term storage, we suggest that methyl 2-pyrimidine carboxylate be stored as supplied at -20°C. It should be stable for at least two years.

methyl 2-Pyrimidine carboxylate is supplied as a crystalline solid. A stock solution may be made by dissolving the methyl 2-pyrimidine carboxylate in an organic solvent purged with an inert gas. methyl 2-Pyrimidine carboxylate is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide. The solubility of methyl 2-pyrimidine carboxylate in these solvents is approximately 30 mg/ml.

Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. Organic solvent-free aqueous solutions of methyl 2-pyrimidine carboxylate can be prepared by directly dissolving the crystalline compound in aqueous buffers. The solubility of methyl 2-pyrimidine carboxylate in PBS, pH 7.2, is approximately 10 mg/ml. We do not recommend storing the aqueous solution for more than one day.

methyl 2-Pyrimidine carboxylate is a synthetic intermediate useful for pharmaceutical synthesis

Related Products

For a list of related products please visit: www.caymanchem.com/catalog/10007119

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WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY; NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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Cayman Chemical Company makes **no warranty or guarantee** of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, suitability and merchantability, which extends beyond the description of the chemicals hereof. Cayman warrants only to the original customer that the material will meet our specifications at the time of delivery.

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This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees.

Buyer's **exclusive remedy** and Cayman's sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman's option, the replacement, at no cost to Buyer, of all material that does not meet our specifications.

Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

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