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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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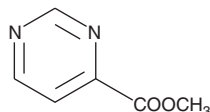
PRODUCT INFORMATION



methyl 4-Pyrimidine Carboxylate

Item No. 10007114

CAS Registry No.: 2450-08-0
Formal Name: pyrimidine-4-carboxylic acid, methyl ester
Synonym: NSC 78314
MF: $C_6H_6N_2O_2$
FW: 138.1
Purity: $\geq 98\%$
UV/Vis.: λ_{max} : 257 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly



Laboratory Procedures

methyl 4-Pyrimidine carboxylate is supplied as a crystalline solid. A stock solution may be made by dissolving the methyl 4-pyrimidine carboxylate in the solvent of choice. methyl 4-Pyrimidine carboxylate is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF), which should be purged with an inert gas. The solubility of methyl 4-pyrimidine carboxylate in ethanol is approximately 25 mg/ml and approximately 30 mg/ml in DMSO and DMF.

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 4-pyrimidine carboxylate can be prepared by directly dissolving the crystalline solid in aqueous buffers. The solubility of methyl 4-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.

Description

methyl 4-Pyrimidine carboxylate is a synthetic intermediate useful for pharmaceutical synthesis.

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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