SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- 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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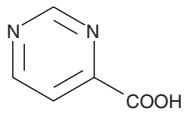
PRODUCT INFORMATION

Pyrimidine-4-Carboxylic Acid

Item No. 10010564

CAS Registry No.: 31462-59-6
Formal Name: 4-pyrimidinecarboxylic acid
MF: $C_5H_4N_2O_2$
FW: 124.1
Purity: ≥98%
UV/Vis.: λ_{max}: 205, 256 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Pyrimidine-4-carboxylic acid is supplied as a crystalline solid. A stock solution may be made by dissolving the pyrimidine-4-carboxylic acid in an organic solvent purged with an inert gas. Pyrimidine-4-carboxylic acid is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide. The solubility of pyrimidine-4-carboxylic acid in these solvents is approximately 0.25, 20, and 2 mg/ml, respectively.

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 pyrimidine-4-carboxylic acid can be prepared by directly dissolving the crystalline compound in aqueous buffers. The solubility of pyrimidine-4-carboxylic acid in PBS, pH 7.2, is approximately 1 mg/ml. We do not recommend storing the aqueous solution for more than one day.

Description

Pyrimidine-4-carboxylic acid is a synthetic intermediate useful for pharmaceutical synthesis.

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