

1. Identification

Catalogue Number

M338018

Lot Number

712210946-3-1

Product Name

(S)-2-Methyl-1,4,5,6-tetrahydropyrimidine-4-carboxylic Acid

Synonyms

(4S)-3,4,5,6-Tetrahydro-2-methyl-4-pyrimidinecarboxylic Acid; (4S)-2-Methyl-1,4,5,6-tetrahydropyrimidine-4-carboxylic Acid; (4S)-2-Methyl-3,4,5,6-tetrahydropyrimidine-4-carboxylic Acid; (S)-2-methyl-1,4,5,6-tetrahydropyrimidine-4-carboxylic Acid; Ectoin; Ectoine; NSC 614616; Pyrostatin B; Pyrostatine B; RonaCare

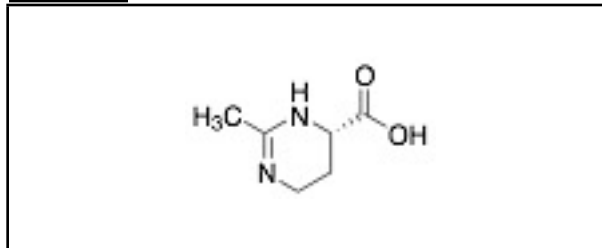
CAS Number

96702-03-3

Solubility

Methanol (Very Slightly), Water (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆H₁₀N₂O₂

Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

142.16

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.37, %H: 7.29, %N: 19.63
HPLC Purity	>95%	100.00% (210 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+164.0° (c = 0.1, Methanol)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			4/23/2025	4/21/2029
Vijaya Annapareddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Quality Assurance Associate		