



1. Identification

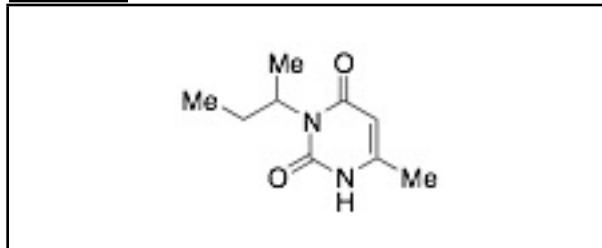
Catalogue Number

B694035

Lot Number

8-YEN-123-9

Structure



Product Name

3-sec-Butyl-6-methyluracil

Synonyms

NSC 310276; 3-sec-butyl-6-methyl-Uracil; 6-Methyl-3-(1-methylpropyl)-2,4 (1H,3H)-pyrimidinedione;

CAS Number

6589-36-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉H₁₄N₂O₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

182.22

Purity

98%

2. Warnings

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.93% (265 nm)

MS

Conforms to Structure

Conforms

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 $\pm 2\%$. 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

Reviewed by

R. Swathi

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

8/3/2022

Retest Date

8/1/2026