

## 1. Identification

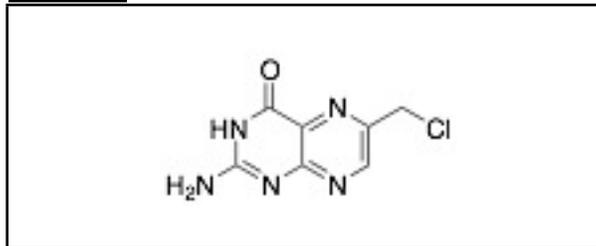
Catalogue Number

A602875

Lot Number

4-DRR-112-2

Structure



Product Name

2-Amino-6-(chloromethyl)-4(3H)-pteridinone (>90%)

Synonyms

2-Amino-6-(chloromethyl)-4-pteridinol;

CAS Number

873397-19-4

Solubility

Aqueous Acid (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>7</sub>H<sub>6</sub>ClN<sub>5</sub>O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

211.61

Purity

>90%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

Pale Beige to Dark Brown Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 39.42, %H: 2.98, %N: 33.09

HPLC Purity

Report Result

94.36% (ELSD)

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 ± 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

Meenakshi Sharma  
Product Quality Specialist

Reviewed by

Toni Rantanen  
Manager, Quality Assurance

C of A Approved by

Chanell Chu  
Quality Assurance Associate

Test Date

2/23/2024

Retest Date

2/21/2028