

1. Identification

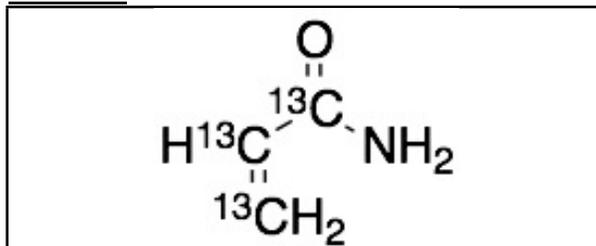
Catalogue Number

A191303

Lot Number

712144025-2-1

Structure



Product Name

Acrylamide-13C3

Synonyms

2-Propenamide-¹³C₃; Acrylic Amide-¹³C₃; Bio-Acrylamide 50-¹³C₃;
Ethylenecarboxamide; NSC 7785-¹³C₃; Propenamide; Vinyl Amide-¹³C₃;

CAS Number

287399-26-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

¹³C₃H₅NO

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

74.06

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 49.13, %H: 6.82, %N: 18.72

GC Purity

>95%

99.77%

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: ¹³C₀ = 0.00%, ¹³C₁ = 0.02%, ¹³C₂ = 0.00%, ¹³C₃ = 99.98%

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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Christina Gouliaras

Test Date

1/15/2025

Retest Date

1/13/2029

Swathi Reddy

Manager, Quality Assurance

Quality Assurance Associate

Product Quality Specialist