

1. Identification

Catalogue Number

M334481

Lot Number

3-GJF-55-2

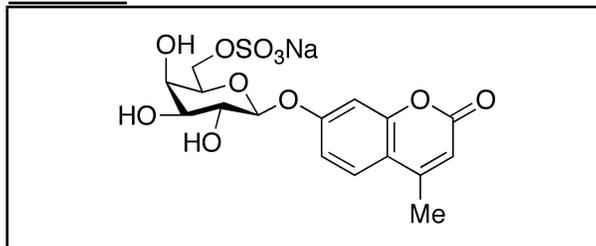
Product Name

4-Methylumbelliferyl b-D-Galactopyranoside-6-sulfate Sodium Salt

Synonyms

4-Methyl-7-[(6-O-sulfo-β-D-galactopyranosyl)oxy]-2H-1-benzopyran-2-one Monosodium Salt;

Structure



CAS Number

206443-06-3

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₁₇NaO₁₁S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

440.35

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 39.68, %H: 4.20

HPLC Purity

>95%

98.71% (220 nm)

MS

Conforms to Structure

Conforms

Sodium Content

Report Result

4.5%

Specific Rotation

Report Result

-60.5° (c = 0.2, 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

Reviewed by

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

11/12/2024

Retest Date

11/10/2028