

1. Identification

Catalogue Number

S825000

Lot Number

2024-TCO-034

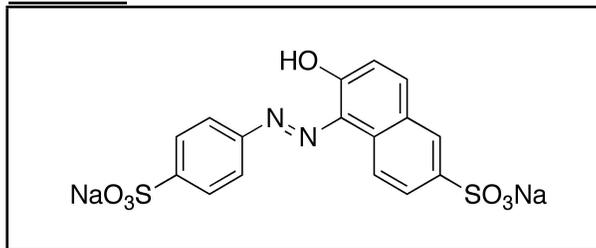
Product Name

Sunset Yellow FCF

Synonyms

6-Hydroxy-5-[2-(4-sulphophenyl)diazenyl]-2-naphthalenesulfonic Acid Sodium Salt; 1-p-Sulphophenylazo-2-hydroxynaphthalene-6-sulfonate disodium salt; 1351 Yellow; 1899 Yellow; Acid Food Yellow 3; Yellow S; Yellow SY; Yellow Sun;

Structure



CAS Number

2783-94-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₁₀N₂Na₂O₇S₂

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

452.37

Purity

98%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Red to Dark Red Solid

Results

Red to Dark Red Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 38.21, %H: 2.73, %N: 5.51

MS

Conforms to Structure

Conforms

UV Absorbance

Report Result

195 nm, 234 nm, 314 nm, 482 nm

Sodium Content

Report Result

10.1%

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

4/4/2024

Retest Date

4/2/2028