



1. Identification

Catalogue Number

D449125

Lot Number

8-TAH-71-1

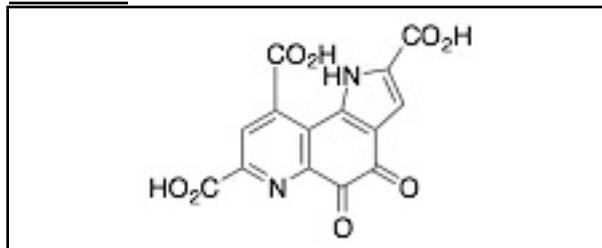
Product Name

4,5-Dihydro-4,5-dioxo-1H-pyrrolo[2,3-f]quinoline-2,7,9-tricarboxylic Acid

Synonyms

Methoxatin, Pyrroloquinoline, PQQ

Structure



CAS Number

72909-34-3

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C₁₄H₆N₂O₈

Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

330.2

Purity

>95%

2. Warnings

Temperature Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Orange to Red Solid

Results

Red Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.95% (250 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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

2/23/2023

Retest Date

2/21/2027