



1. Identification

Catalogue Number

H853265

Lot Number

4-YEN-92-2

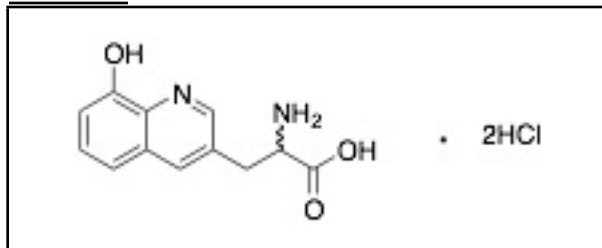
Product Name

rac (8-Hydroxyquinolin-3-yl)alanine Dihydrochloride

Synonyms

alpha-Amino-8-hydroxy-3-quinolinepropanoic Acid Hydrochloride; rac HQA;

Structure



CAS Number

1123191-88-7

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₄Cl₂N₂O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

305.16

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Light Yellow to Light Green Solid

Results

Light Yellow to Light Green Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 45.90, %H: 5.24, %N: 8.96

HPLC Purity

>95%

99.82% (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 $\pm 2\%$. 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

Sarjeet Kaur

Sarjeet Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

9/28/2022

Retest Date

9/26/2026