



1. Identification

Catalogue Number

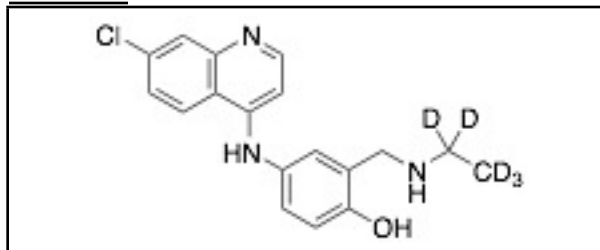
D288827

Lot Number

2-UTS-167-3

Product Name

N-Desethyl Amodiaquine-d5

Synonyms4-[(7-Chloro-4-quinoliny)amino]-2-[(ethyl-d5-amino)methyl]phenol;
Monodesethylamodiaquine-d5; Desethylamodiaquine-d5;**Structure****CAS Number**

1173023-19-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{18}H_{13}D_5ClN_3O$ **Source of Product**

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

332.84

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Brown Solid

Results

Pale Yellow to Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.48% (225 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.4%

Additional InformationNormalized Intensity: $d_0 = 0.06\%$, $d_1 = 0.04\%$, $d_2 = 0.02\%$, $d_3 = 0.17\%$, $d_4 = 2.02\%$, $d_5 = 97.69\%$

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

Jingning Zhou

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

7/23/2024

Retest Date

7/21/2028