



1. Identification

Catalogue Number

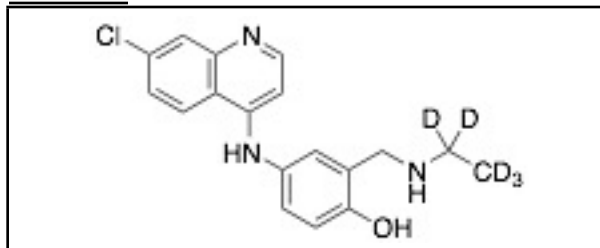
D288827

Lot Number

10-CSZ-126-1

Product Name

N-Desethyl Amodiaquine-d5

Synonyms4-[[7-Chloro-4-quinolinyl)amino]-2-[(ethyl-d5-amino)methyl]phenol;
Monodesethylamodiaquine-d5; Desethylamodiaquine-d5;StructureCAS Number

1173023-19-2

SolubilityChloroform (Very Slightly),
Methanol (Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_{18}H_{13}D_5ClN_3O$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

332.84

Purity

97%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Brown Solid

Results

Pale Beige to Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

96.15% (225 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.4%

Additional InformationNormalized Intensity: $d_0 = 0.07\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 0.06\%$, $d_4 = 2.39\%$, $d_5 = 97.47\%$

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 byReviewed byC of A Approved byTest DateRetest Date

1/18/2024

1/16/2028

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