

**1. Identification**Catalogue Number

TRC-H293866

Lot Number

DE-280

Product Name

Hexadecyltrimethylammonium Bromide-d42

Synonyms

N,N,N-Tri(methyl-d3)-1-hexadecan

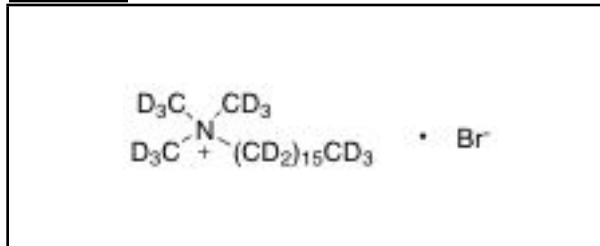
-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-d33-aminium Bromide

CAS Number

907216-28-8

Solubility

Water (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{19}D_{42}BrN$ Source of Product

Synthetic

Long Term Storage Conditions

20°C

Molecular Weight

406.71

Purity

98%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.80% (ELSD)

Isotopic Purity

>95%

>95% by NMR

Additional Information

Material was manufactured at CDN Isotopes, an affiliate of TRC

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. SignaturesReviewed by

Luri Lutenco

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

3/9/2022

Retest Date

3/7/2026