

**1. Identification**Catalogue Number

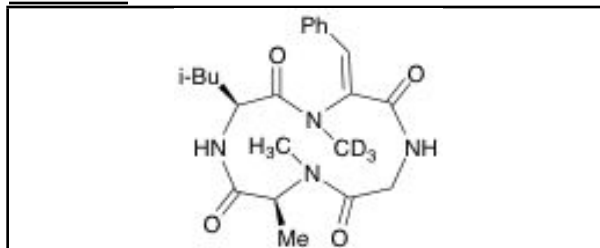
T019507

Lot Number

20-XDD-91-1

Product Name

Tentoxin-d3

SynonymsCyclo(N-methyl-L-alanyl-L-leucyl- α,β -didehydro-N-methylphenylalanylglycyl)-d3; 1,4,7,10-Tetraazacyclododecane Cyclic Peptide Deriv.-d3; (Z)-Cyclic(N-methyl-L-alanyl-L-leucyl- α,β -didehydro-N-methylphenylalanylglycyl)-d3;StructureCAS Number

N/A

Solubility

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{22}H_{27}D_3N_4O_4$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

417.52

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 62.01, %H: 7.53, %N: 13.11

HPLC Purity

>95%

96.29% (280 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.7%

Specific Rotation

Report Result

-101.7° (c = 0.1, Chloroform)

Additional InformationNormalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.02\%$, $d_2 = 0.93\%$, $d_3 = 99.05\%$ 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

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

5/8/2023

Retest Date

5/6/2027