

**1. Identification**Catalogue Number

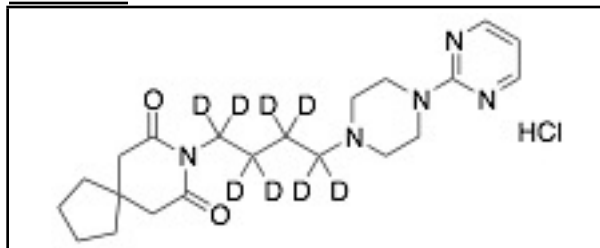
B689851

Lot Number

G-476

Product Name

Buspirone-d8 HCl (n-butyl-d8)

SynonymsStructureCAS Number

1216761-39-5

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{21}H_{24}D_8ClN_5O_2$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

430.01

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.78% (240 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.6%

Additional InformationNormalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 0.00\%$, $d_4 = 0.00\%$, $d_5 = 0.02\%$, $d_6 = 0.08\%$, $d_7 = 3.17\%$, $d_8 = 96.73\%$

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

Iuri Lutenco

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

3/14/2023

Retest Date

3/12/2029