

1. Identification

Catalogue Number

S689022

Lot Number

16-BHW-190-4

Product Name

Sulfaphenazole-d4

Synonyms

4-Amino-N-(1-phenyl-1H-pyrazol-5-yl)benzenesulfonamide-d4; N1-(1-Phenylpyrazol-5-yl)sulfanilamidopyrazole-d4; 2-Phenyl-3-sulfanilamidopyrazole-d4; 3-(p-Aminobenzenesulfonamido)-2-phenylpyrazole-d4; 5-Sulfanilamido-1-phenylpyrazole-d4; Depocid-d4; Depotsulfonamide-d4; Eftolon-d4; Firmazolo-d4; Inamil-d4; Isarol-d4; Merian-d4; Microtan Pirazolo-d4; N1-(1-Phenylpyrazol-5-yl)

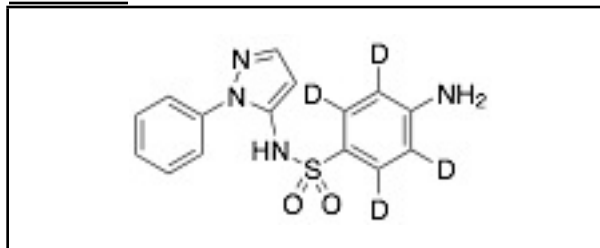
CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₅H₁₀D₄N₄O₂S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

318.39

Purity

97%

2. Warnings

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Light Beige Solid

Results

Pale Yellow to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 55.74, %H: 4.35, %N: 17.98

HPLC Purity

Report Result

99.76% (255 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.2%

Additional Information

Normalized Intensity: d₀ = 0.07%, d₁ = 0.02%, d₂ = 0.02%, d₃ = 2.91%, d₄ = 96.99%.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Jr. Quality Assurance

Test Date

1/24/2023

Retest Date

1/22/2030