Certificate of Analysis

Indomethacin-d₄

Cat. No.: HY-14397S
CAS No.: 87377-08-0
Batch No.: 416014

Chemical Name: 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl-2,3,5,6-d4)-5-methoxy-2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{12}D_4ClNO_4$

Molecular Weight: 361.81

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

Purity (HPLC): 99.78%
Isotopic Enrichment: 98.4%

Additional Information: d0=0.09%, d3=6.02%, d4=93.89%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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