

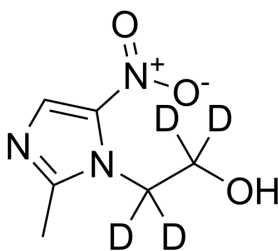
Metronidazole-d₄

Cat. No.: HY-B0318S1
CAS No.: 1261392-47-5
Batch No.: 233859
Chemical Name: 1,1,2,2-Tetradeuterio-2-(2-methyl-5-nitroimidazol-1-yl)ethanol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₆H₅D₄N₃O₃
Molecular Weight: 175.18
Storage: Powder -20°C 3 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
MS: Consistent with structure
Purity (HPLC): 98.25%
Isotopic Enrichment: 99.64%
Additional Information: d₃=1.45%, d₄=98.55%
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA