

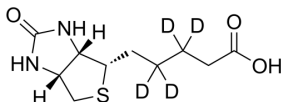
rel-Biotin-d₄

Cat. No.: HY-B0511S1
CAS No.: 1217850-77-5
Batch No.: 360666
Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-, (3a,4S,6aR)-d₄

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₁₂D₄N₂O₃S
Molecular Weight: 248.34
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
LCMS: Consistent with structure
Purity (HPLC): 98.04%
Isotopic Enrichment: 98.29%
Additional Information: d₂=0.08%, d₃=6.68%, d₄=93.24%
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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