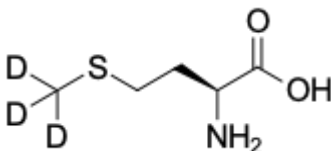

L-Methionine (S-methyl-d3)

<http://www.lumiprobe.com/p/l-methionine-s-methyl-d3>

L-methionine (S-methyl-d3) is the deuterium labeled amino acid with application in labeling for NMR spectroscopy and research of proteins and peptides structure and dynamics.



Structure of L-Methionine (S-methyl-d3)

General properties

Appearance: white powder

Molecular weight: 152.23

CAS number: 13010-53-2

Molecular formula: C₅H₈D₃NO₂S

IUPAC name: (2S)-2-amino-4-(trideuteriomethylsulfanyl)butanoic acid

Solubility: in water

Quality control: NMR ¹H and HPLC-MS (95+ %, D: 98+ %)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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