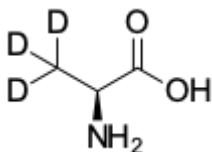


## L-Alanine-d3

<http://cn.lumiprobe.com/p/l-alanine-d3>

L-Alanine-d3 is the deuterium-labeled L-alanine and is intended for use as an analytical reference standard in GC- or LC-MS.

L-Alanine ( $\alpha$ -alanine) is a nonessential amino acid with a key role in human protein synthesis. L-alanine is an amino acid that serves as a pre-modulator for ligands, particularly pyridine derivatives, facilitating their binding to metal ion centers in the formation of metal-organic frameworks (MOFs). Accumulation of  $\alpha$ -alanine reduces the production of pyruvate in glycolysis by inhibiting pyruvate kinase and thus prevents consuming glucose in the liver. Alanine also serves a major role in transporting amino acid nitrogen from tissues to the liver for disposal in the urea cycle.



外观

分子 92.11

分子量

分子式  $C_3H_4D_3NO_2$

溶解度

溶解度

质量

NMR  $^1H$  和 HPLC-MS (95+%, D: 98+%)

质量控制

储存条件

法律

声明

本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试，且未经明示或暗示授权用于其他任何用途，包括但不限于体外诊断、人类或动物用途，以及商业用途。