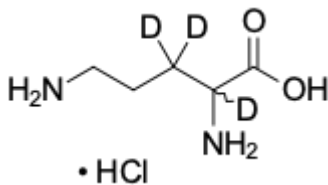


D,L-Ornithine-d3

<http://hk.lumiprobe.com/p/d-l-ornithine-d3>

D,L-Ornithine-d3 (2,3,3) is a deuterated form of ornithine, D and L isoforms. D,L-Ornithine-d3 is intended for use as an internal standard for the quantification of ornithine by GC or LC-MS.

Ornithine is a metabolically active non-protein amino acid that serves as an important precursor for the synthesis of the pyrrolidine nucleus, which is found in pyrrolizidine alkaloids. L-Ornithine is a metabolite of L-arginine, and it plays a central role in the urea cycle; its ingestion has been shown to acutely increase plasma growth hormone levels in humans. Ornithine is a precursor of GABA (gamma-aminobutyric acid) and of proline (following metabolism by ornithine amino transferase). Ornithine also plays an important role in the regulation of several metabolic processes leading to diseases like hyperornithinemia, hyperammonemia, gyrate atrophy, and cancer in humans.



外观:

分子量: 171.64

分子式: $C_5H_9D_3N_2O_2 \cdot HCl$

溶解度:

质量控制: NMR 1H 和 HPLC-MS (95+ %, D: 98+ %)

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。