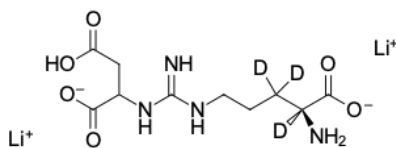


Argininosuccinic acid-d3

<http://cn.lumiprobe.com/p/argininosuccinic-acid-d3>

Argininosuccinic acid (ASA) is a non-proteinogenic amino acid and an intermediate in the urea cycle, formed as a conjugate of arginine and aspartic acid. Elevated levels of ASA in biological fluids serve as a biochemical marker for argininosuccinic acid lyase deficiency (ASLD) — a hereditary urea cycle disorder also known as argininosuccinic aciduria. Measurement of this metabolite is used in neonatal screening programs.

High purity and a defined deuterium position ensure predictable MS fragmentation, which is critical for accurate quantitative analysis. The product is intended for research use only.



外观 白色粉末

分子量 305.12

分子式 $C_{10}H_{13}D_3Li_2N_4O_6$

溶解度 在水中

质量控制 NMR 1H 和 HPLC-MS (95+%, D: 98+%)

储存条件 收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

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