

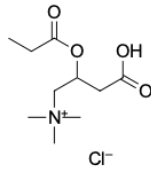
(C3) Propionylcarnitine

<http://cn.lumiprobe.com/p/propionylcarnitine>

Propionyl-L-carnitine chloride, chloride of the ester of propanoic acid and carnitine, is the main analyte in the diagnosis propionic acidemia or methylmalonic acidemia. Propionylcarnitine plays an important role in fatty acid metabolism and energy production in the body.

The product is used primarily as a control for MS/MS.

Propionylcarnitine is included in newborn screening programs based on tandem mass spectrometry.



外观: 白色固体

分子量: 253.72

CAS 119793-66-7

编号:

分子式: $C_{10}H_{20}ClNO_4$

溶解度: DMF、DMSO、乙醇

质量控制: NMR 1H 和 HPLC-MS (95+%)

储存条件: 收到后在 $-20^{\circ}C$ 黑暗条件下可保存 24 个月。运输: 室温下最多可保存 3 周。干燥。

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