

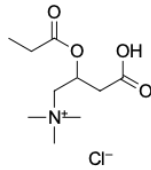
(C3) Propionylcarnitine

<http://hk.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: 白色固體

分子量: 253.72

CAS 编号: 119793-66-7

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: 收到後 $-20^{\circ}C$ 避光保存 24 個月。運輸: 室溫最多可保存3週。乾燥。

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