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Technical Data Sheet

Product: 17-0300 Propionyl-L-Carnitine Chloride

Formula: $(\text{CH}_3)_3\text{N}^+ \text{CH}_2 \underset{\text{O}-\text{COCH}_2\text{CH}_3}{\text{CH}} \text{CH}_2 \text{COOH} \cdot \text{Cl}^-$

Formula Wt: 253.7

Source: A synthetic preparation

Analysis

Elemental C: 47.33% H: 7.94% N: 5.51% Cl: 13.59%

TLC Silica gel G Chloroform-Methanol-0.1 M NaAC (4:4:1 v/v)
Rf: 0.20 (Iodine)

Physical state: White crystalline powder

Store at: Refrigerator