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Technical Data Sheet

Product: 17-0600 Hexanoyl-L-Carnitine Chloride

Alternative description: Caproyl-L-Carnitine Chloride

Formula: $(\text{CH}_3)_3\text{N}^+\text{CH}_2\text{CH}(\text{COO}^-\text{CH}_2(\text{CH}_2)_4\text{CH}_3)\text{COOH} \cdot \text{Cl}^-$

Formula Wt: 295.8

Source: A synthetic preparation

Analysis:

Elemental C: 52.8% H: 8.85% N: 4.73% Cl: 11.98%

TLC Silica gel G Chloroform-Methanol-0.1M NaAc (4:4:1)
R_f-value: 0.20 (Iodine)

Physical state: White crystalline powder

Store at: Refrigerator (0-4° C)