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Technical Data Sheet

Product: 17-1800 Stearoyl-L-Carnitine Chloride

Alternative description: Octadecanoyl-L-Carnitine Chloride

Formula: $(\text{CH}_3)_3\text{N}^+\text{CH}_2\text{CH}(\text{COOH})\text{CH}_2\text{COO}(\text{CH}_2)_{16}\text{CH}_3 \text{Cl}^-$

Formula Wt: 464.1

Source: A synthetic preparation

Analysis:

Elemental C: 64.7% H: 10.9% N: 3.01% Cl: 7.63%

TLC Silica gel G Chloroform-Methanol-0.1M NaAc (4:4:1 v/v)
R_f-value: 0.80 (Iodine), 98+%

Physical state: White crystalline powder

Store at: Refrigerator (0-4° C)