

ORGANICA

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Version 07

Specification

17.03.2003

Code No. 12070

Hardener 1207

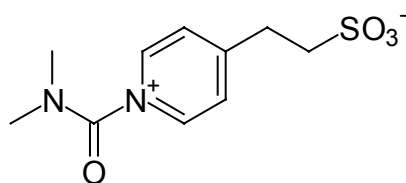
CAS No. 136997-71-2

ELINCS +

HS No. 29333999

Chemical Name **1-Dimethylcarbamoyl-4-(2-sulfoethyl)pyridinium betaine**
2-(1-Dimethylcarbamoyl-4-pyridyl)ethane sulfonic acid inner salt

Structure



Molecular Formula $C_{10}H_{14}N_2O_4S$

Molecular Weight 258,30

Product Properties

Appearance	Light-beige to gray crystalline powder
Assay (%)	≥ 97,5 (HPLC)
Melting point (°C)	172 - 178
Loss on drying (%)	≤ 1,0
Sulfated ash (%)	≤ 0,2
pH value (10% water)	4,0 - 5,0
PESA (%)	≤ 2,5 (HPLC)
TEA-HCl (%)	≤ 0,5 (Titration)
DMCC (ppm)	≤ 5

Safety Data

R: 42/43

S: 22-24-37-45

Xn - Harmful

Storage

T < 10°C, rel. humidity max 70%, tightly closed. Durability 12 months

Application

Hardener in photography