



Synonym(s): 2,2,2-Trichloro-1-cyanoethanol. Chloral cyanhydrin

CAS Registry Number: 513-96-2

Molecular Formula: C₃H₂Cl₃NO

Molecular Weight: 174.413

Accurate Mass: 172.920195

Percentage Composition: C 20.66%; H 1.16%; Cl 60.98%; N 8.03%; O 9.17%

Physical Description: Tablets (CS₂ or H₂O)

Melting Point: Mp 61°

Boiling Point: Bp 215-220° sl. dec.

Solubility: Sol. H₂O, EtOH, Et₂O

References:

Pinner, A., *Ber.*, 1884, **17**, 1997

Anschütz, R. *et al.*, *Annalen*, 1889, **253**, 129

Kölln, H., *Annalen*, 1918, **416**, 232

Mori, S. *et al.*, *Tetrahedron*, 1995, **51**, 8977, (*synth, ir*)