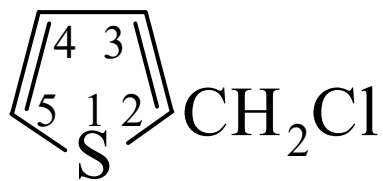




>>Entry Name: 2-(Chloromethyl)thiophene, 9Cl

Synonym(s): 2-Thenyl chloride



CAS Registry Number: 765-50-4

Molecular Formula: C₅H₅ClS

Molecular Weight: 132.613

Accurate Mass: 131.980047

Percentage Composition: C 45.29%; H 3.80%; Cl 26.73%; S 24.18%

Boiling Point: Bp₂₀ 82-83°

Other Data: Unstable, gradually liberating HCl.

Hazard & Toxicity: Closed containers can explode. Lachrymator

References:

Org. Synth., 1949, **29**, 31, (*synth*)

Canonne, P. *et al.*, *Can. J. Chem.*, 1970, **48**, 2587, (*synth*)

Gronowitz, S. *et al.*, *Chem. Scr.*, 1979, **13**, 39, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CIY250

Bretherick, L., *Handbook of Reactive Chemical Hazards*, 4th edn., Butterworths, 1990, 1726