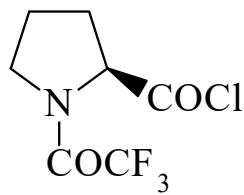




>>Entry Name: 1-(Trifluoroacetyl)-2-pyrrolidinecarbonyl chloride, 9Cl

Synonym(s): *N*-(Trifluoroacetyl)prolyl chloride



(S)-form

Related CAS Registry Numbers(s): 71890-93-2 92076-92-1

Molecular Formula: C₇H₇ClF₃NO₂

Molecular Weight: 229.586

Accurate Mass: 229.01174

Percentage Composition: C 36.62%; H 3.07%; Cl 15.44%; F 24.83%; N 6.10%; O 13.94%

>>Variant: *(S)*-form

Synonym(s): *L*-form

CAS Registry Number: 36724-68-2

Molecular Formula: C₇H₇ClF₃NO₂

Molecular Weight: 229.586

Accurate Mass: 229.01174

Percentage Composition: C 36.62%; H 3.07%; Cl 15.44%; F 24.83%; N 6.10%; O 13.94%

Use/Importance: Reagent for sepn. and anal. of amino acids

Physical Description: Thin, yellow liq.

Boiling Point: Bp₂ 82-83°

Aldrich: 24850-9

Sigma: T3018

References:

Dabrowiak, J.C. *et al.*, *Anal. Chem.*, 1971, **43**, 791, (*synth, use*)

Iwase, H. *et al.*, *Chem. Pharm. Bull.*, 1974, **22**, 8; 2075; 1978, **25**, 285; 1215, (*use*)

Tomida, I. *et al.*, *Agric. Biol. Chem.*, 1975, **39**, 469; 1979, **43**, 925, (*synth, use*)

Payan, I.L. *et al.*, *Anal. Biochem.*, 1985, **149**, 484, (*use*)