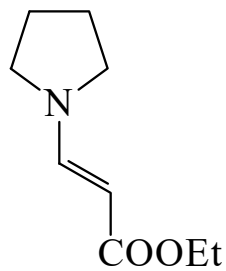




>>Entry Name: Ethyl 3-(1-pyrrolidinyl)-2-propenoate, 9Cl

Synonym(s): Ethyl β -(1-pyrrolidinyl)acrylate



CAS Registry Number: 53927-12-1

Molecular Formula: $C_9H_{15}NO_2$

Molecular Weight: 169.223

Accurate Mass: 169.110279

Percentage Composition: C 63.88%; H 8.93%; N 8.28%; O 18.91%

>>Variant: (*E*)-form

CAS Registry Number: 65651-80-1

Molecular Formula: $C_9H_{15}NO_2$

Molecular Weight: 169.223

Accurate Mass: 169.110279

Percentage Composition: C 63.88%; H 8.93%; N 8.28%; O 18.91%

Use/Importance: Synth. reagent, e.g. for cyclopentenone synth.

Physical Description: Yellowish platelets (petrol)

Melting Point: Mp 41-43°

References:

Postowski, Y. *et al.*, *Zh. Obshch. Khim.*, 1961, **31**, 400-407; *CA*, **55**, 23541d, (*synth*)

Schmidt, R.R. *et al.*, *Angew. Chem., Int. Ed.*, 1978, **17**, 204-205, (*use*)

Kanner, C.B. *et al.*, *Heterocycles*, 1978, **9**, 757-761; 1381-1386, (*use*)

Schmidt, R.R. *et al.*, *Tet. Lett.*, 1979, 4273-4276, (*use*)

U.S. Pat., 1979, 4 144 047; *CA*, **91**, 15174n, (*synth*)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1980, **8**, 226, (*use*)

Kanner, C.B. *et al.*, *Tetrahedron*, 1982, **38**, 3597-3604, (*synth*, *pmr*, *cmr*)