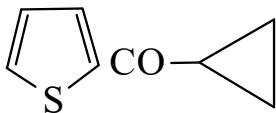




>>Entry Name: Cyclopropyl 2-thienyl ketone, 8Cl

Synonym(s): Cyclopropyl-2-thienylmethanone, 9Cl



CAS Registry Number: 6193-47-1

Molecular Formula: C₈H₈OS

Molecular Weight: 152.217

Accurate Mass: 152.029585

Percentage Composition: C 63.13%; H 5.30%; O 10.51%; S 21.07%

Use/Importance: Pharmaceutical intermed.

Density: d₄²⁰ 1.17

Aldrich: C12120-7

>>Derivative: Thiosemicarbazone

Physical Description: Cryst.

Melting Point: Mp 135-138°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 55C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 598C, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1474C, (ir)

U.S. Pat., 1971, 3 576 822; *CA*, **75**, 5682, (deriv)

Fétizon, M. *et al.*, *J. Het. Chem.*, 1976, **13**, 525, (use)