



>>Entry Name: 4-Fluoro-1-indanone, 8Cl

Synonym(s): 4-Fluoro-2,3-dihydro-1*H*-inden-1-one, 9Cl

CAS Registry Number: 699-99-0

Structure by analogy with 1-Fluoro-2-indanone, [LZF73-E](#)

Molecular Formula: C₉H₇FO

Molecular Weight: 150.152

Accurate Mass: 150.048093

Percentage Composition: C 71.99%; H 4.70%; F 12.65%; O 10.66%

Physical Description: Solid (petrol)

Melting Point: Mp 74-75.5°

References:

Olivier, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1973, 3092, (*synth, pmr*)

Adcock, W. *et al.*, *Aust. J. Chem.*, 1976, **29**, 2571, (*synth, F-19 nmr*)

Nakada, Y. *et al.*, *Agric. Biol. Chem.*, 1978, **42**, 1357, (*synth*)