>>**Entry Name: 6-Fluoro-1-indanone,** 8CI
Synonym(s): 6-Fluoro-2,3-dihydro-1*H*-inden-1-one, 9CI

CAS Registry Number: 1481-32-9
Structure by analogy with 1-Fluoro-2-indanone, LZF73-E

Molecular Formula: C_9H_7FO
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 61°

>>**Derivative:** 2,4-Dinitrophenylhydrazone

Melting Point: Mp 286-288°

References:

Mirek, J., *Pol. J. Chem. (Rocz. Chem.)*, 1961, **35**, 533; *CA*, **55**, 25873a, *(synth, deriv)*
Olivier, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1973, 3092, *(synth, pmr)*
Adcock, W. *et al.*, *Aust. J. Chem.*, 1976, **29**, 2571, *(F-19 nmr)*
Sircar, I. *et al.*, *J. Med. Chem.*, 1986, **29**, 2142, *(synth)*