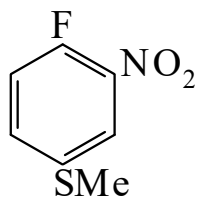




>>Entry Name: 1-Fluoro-4-(methylthio)-2-nitrobenzene



Molecular Formula: C₇H₆FNO₂S

Molecular Weight: 187.194

Accurate Mass: 187.010327

Percentage Composition: C 44.91%; H 3.23%; F 10.15%; N 7.48%; O 17.09%; S 17.13%

Melting Point: Mp 91.5-92.5°

>>Derivative: S,S-Dioxide

CAS Registry Number: 453-72-5

Molecular Formula: C₇H₆FNO₄S

Molecular Weight: 219.193

Accurate Mass: 219.000157

Percentage Composition: C 38.36%; H 2.76%; F 8.67%; N 6.39%; O 29.20%; S 14.63%

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 156-157°

Rare Chemicals Library: S59672-8

References:

Zahn, H. *et al.*, *Chem. Ber.*, 1953, **86**, 172, (*synth*)

Bunnett, J.F. *et al.*, *J.O.C.*, 1969, **34**, 785

Leblanc, M.E. *et al.*, *J. Fluorine Chem.*, 1981, **17**, 233, (*synth, deriv, pmr, cmr, F-19 nmr*)