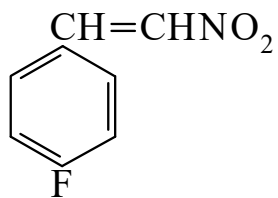




>>Entry Name: 1-(4-Fluorophenyl)-2-nitroethylene

Synonym(s): 1-Fluoro-4-(2-nitroethenyl)benzene, 9CI. 4-Fluoro-β-nitrostyrene, 8CI



CAS Registry Number: 706-08-1

Molecular Formula: C₈H₆FNO₂

Molecular Weight: 167.139

Accurate Mass: 167.038257

Percentage Composition: C 57.49%; H 3.62%; F 11.37%; N 8.38%; O 19.14%

Rare Chemicals Library: S44995-4

>>Variant: (*E*)-form

CAS Registry Number: 5153-69-5

Molecular Formula: C₈H₆FNO₂

Molecular Weight: 167.139

Accurate Mass: 167.038257

Percentage Composition: C 57.49%; H 3.62%; F 11.37%; N 8.38%; O 19.14%

Melting Point: Mp 103-105°

Aldrich: 12257-2

References:

Dore, J.C. *et al.*, *Farmaco, Ed. Sci.*, 1975, **30**, 81, (*synth*)

Happer, D.A.R. *et al.*, *Aust. J. Chem.*, 1976, **29**, 2607, (*cmr*)

Boykin, D.W. *et al.*, *Spectrochim. Acta A*, 1984, **40**, 887, (*O-18 nmr*)