



>>Entry Name: 5-Nitro-1-pentene, 9CI

CAS Registry Number: 23542-51-0

$\text{H}_2\text{C}=\text{CHCH}_2\text{CH}_2\text{CH}_2\text{NO}_2$

Molecular Formula: $\text{C}_5\text{H}_9\text{NO}_2$

Molecular Weight: 115.132

Accurate Mass: 115.063329

Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%

Physical Description: Liq.

Boiling Point: Bp_{32} 82°

Refractive Index: n_{D}^{25} 1.4358

Aldrich: 42459-5

References:

Kjaer, A. *et al.*, *Acta Chem. Scand.*, 1968, **22**, 3324, (*synth*)

Carney, R.L. *et al.*, *Org. Mass Spectrom.*, 1972, **6**, 1239, (*ms*)

Hill, E.A. *et al.*, *Org. Magn. Reson.*, 1981, **16**, 177, (*cmr*)

Andersen, S.H. *et al.*, *Acta Chem. Scand., Ser. B*, 1982, **36**, 1, (*synth*)