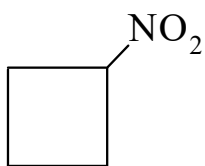




>>Entry Name: Nitrocyclobutane, 9CI



CAS Registry Number: 2625-41-4

Molecular Formula: C₄H₇NO₂

Molecular Weight: 101.105

Accurate Mass: 101.047679

Percentage Composition: C 47.52%; H 6.98%; N 13.85%; O 31.65%

Boiling Point: Bp₄₀ 78-79°

Density: d²⁰ 1.096

pKa Value: pK_a 9.53

Refractive Index: n_D²⁰ 1.4429

References:

Iffland, I.O.C. *et al.*, *J.A.C.S.*, 1953, **75**, 4044, (*synth*)

Hawthorne, M.F., *J.A.C.S.*, 1957, **79**, 2510, (*synth*)

Amrollah-Madjdabadi, A. *et al.*, *Synthesis*, 1986, 826, (*synth, ir, pmr*)