



>>Entry Name: Pentyl nitrate

CAS Registry Number: 1002-16-0

$\text{H}_3\text{C}(\text{CH}_2)_4\text{ONO}_2$

Molecular Formula: $\text{C}_5\text{H}_{11}\text{NO}_3$

Molecular Weight: 133.147

Accurate Mass: 133.073894

Percentage Composition: C 45.10%; H 8.33%; N 10.52%; O 36.05%

Physical Description: Liq.

Boiling Point: Bp 157°. Bp₇₀ 74-76°

Density: d_4^{20} 0.996

References:

Suzuki, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1979, **52**, 65, (*ms*)

Olah, G.A. *et al.*, *Synthesis*, 1993, 207, (*synth, cmr*)