



>>Entry Name: 10-Nonadecanone

Synonym(s): Dinonyl ketone. Caprinone

CAS Registry Number: 504-57-4

$\text{H}_3\text{C}(\text{CH}_2)_8\text{CO}(\text{CH}_2)_8\text{CH}_3$

Molecular Formula: $\text{C}_{19}\text{H}_{38}\text{O}$

Molecular Weight: 282.509

Accurate Mass: 282.292265

Percentage Composition: C 80.78%; H 13.56%; O 5.66%

Melting Point: Mp 58°. Mp 65.5°

References:

Briese, R.R. *et al.*, *J.A.C.S.*, 1933, **55**, 1697, (*synth*)

Komarewsky, V.I. *et al.*, *J.A.C.S.*, 1941, **63**, 3269, (*synth*)

Yakerson, V.I. *et al.*, *Zh. Anal. Khim.*, 1968, **23**, 293, (*glc*)

Meyer, E.F. *et al.*, *J. Phys. Chem.*, 1973, **77**, 2140, (*glc*)