



>>Entry Name: 9-Decenal

CAS Registry Number: 39770-05-3

$\text{H}_2\text{C}=\text{CH}(\text{CH}_2)_7\text{CHO}$

Molecular Formula: $\text{C}_{10}\text{H}_{18}\text{O}$

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Physical Description: Oil

>>Derivative: Ethylene acetal

Synonym(s): 2-(8-Nonenyl)dioxolane

CAS Registry Number: 126382-06-7

Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}_2$

Molecular Weight: 198.305

Accurate Mass: 198.16198

Percentage Composition: C 72.68%; H 11.18%; O 16.14%

Physical Description: No phys. props. reported

References:

Dhillon, R.S. *et al.*, *Indian J. Chem., Sect. B*, 1989, **28**, 757-759, (*ethylene acetal*)

Dickinson, R. *et al.*, *J. Med. Chem.*, 1993, **36**, 111-118, (*synth*)

Sakaguchi, S. *et al.*, *J.O.C.*, 1999, **64**, 5954-5957, (*synth, pmr, cmr, ir*)