



>>Entry Name: 2-Octyl-1-dodecanol, 9CI

Synonym(s): 9-(Hydroxymethyl)nonadecane

CAS Registry Number: 5333-42-6

$\text{H}_3\text{C}(\text{CH}_2)_9\text{CH}(\text{CH}_2\text{OH})(\text{CH}_2)_7\text{CH}_3$

Molecular Formula: $\text{C}_{20}\text{H}_{42}\text{O}$

Molecular Weight: 298.551

Accurate Mass: 298.323565

Percentage Composition: C 80.46%; H 14.18%; O 5.36%

Use/Importance: Emulsifier

Boiling Point: Bp_{15} 215°

Density: d^{19} 0.85

Refractive Index: n_D^{19} 1.4545

References:

Mastagli, P. *et al.*, *Ann. Chim. (Paris)*, 1938, **10**, 281-377, (*synth*)