



>>Entry Name: 10-Methylundecanoic acid

Synonym(s): Isododecanoic acid

CAS Registry Number: 2724-56-3

Related CAS Registry Numbers(s): 5129-56-6

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

Molecular Formula: $\text{C}_{12}\text{H}_{24}\text{O}_2$

Molecular Weight: 200.32

Accurate Mass: 200.17763

Percentage Composition: C 71.95%; H 12.08%; O 15.97%

Biological Source: Isol. from wool fat, from lipids of *Sarcina lutea* and resin of *Shorea maranti*

Physical Description: Tablets (Me_2CO or C_6H_6)

Melting Point: Mp 41.2°

Boiling Point: Bp₃ 140-145°

Sigma: M7781

References:

Weitkamp, A.W., *J.A.C.S.*, 1945, **67**, 447, (*isol*)

Fieser, L.F. *et al.*, *J.A.C.S.*, 1948, **70**, 3174, (*synth*)

Cocker, W. *et al.*, *Perfum. Essent. Oil Res.*, 1964, **55**, 442, (*isol*)