



>>Entry Name: 2,3,3-Trimethylpentane, 9CI, 8CI

CAS Registry Number: 560-21-4

Extra CAS Registry Numbers(s): 29222-48-8

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

Molecular Formula: C_8H_{18}

Molecular Weight: 114.23

Accurate Mass: 114.14085

Percentage Composition: C 84.12%; H 15.88%

Boiling Point: Bp 114.6°

Hazard & Toxicity: Highly flammable, fl. p. <21°, autoignition temp. 425°

References:

Laughlin, K.C. *et al.*, *J.A.C.S.*, 1933, **55**, 2607, (*synth*)

Herr, C.H. *et al.*, *J.A.C.S.*, 1945, **67**, 2061, (*synth*)

Lindeman, L.P. *et al.*, *Anal. Chem.*, 1971, **43**, 1245, (*cmr*)

Sax, N.I., *Dangerous Properties of Industrial Materials*, 5th edn., Van Nostrand Reinhold, 1979, 1062