



>>Entry Name: 2,4,4-Trimethyl-2-pentanethiol, 9CI

CAS Registry Number: 141-59-3

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

Molecular Formula: $\text{C}_8\text{H}_{18}\text{S}$

Molecular Weight: 146.296

Accurate Mass: 146.11292

Percentage Composition: C 65.68%; H 12.40%; S 21.92%

Physical Description: Liq.

Boiling Point: Bp₅₀ 76-77°

Hazard & Toxicity: Toxic by inhalation

References:

U.S. Pat., 1945, *Std. Oil Devel. Co.*, 2 382 700; *CA*, **40**, 723²

Kornblum, N. *et al.*, *J.A.C.S.*, 1978, **100**, 7086-7088, (*synth*)

Matsuura, H. *et al.*, *J. Mol. Struct.*, 1986, **144**, 319-328, (*Raman*)

Fed. Regist., 1990, **55**, 52402-52729, (*tox*)