



---

>>Entry Name: 1-Pentadecanethiol

Synonym(s): 1-Mercaptopentadecane

CAS Registry Number: 25276-70-4

$\text{H}_3\text{C}(\text{CH}_2)_{13}\text{CH}_2\text{SH}$

Molecular Formula:  $\text{C}_{15}\text{H}_{32}\text{S}$

Molecular Weight: 244.484

Accurate Mass: 244.22247

Percentage Composition: C 73.69%; H 13.19%; S 13.12%

Melting Point: Mp 18°

Boiling Point: Bp 325°

Density:  $d_4^{20}$  0.84

Refractive Index:  $n_D^{20}$  1.4624

**References:**

Wan, Y.P. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1974, **71**, 952