



>>Entry Name: 3-Mercaptohexanal

ENTRY UNDER REVIEW

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

Molecular Formula: $\text{C}_6\text{H}_{12}\text{OS}$

Molecular Weight: 132.226

Accurate Mass: 132.060885

Percentage Composition: C 54.50%; H 9.15%; O 12.10%; S 24.25%

>>Variant: ($\pm$)-form

Extra CAS Registry Numbers(s): 149310-62-3

Molecular Formula: $\text{C}_6\text{H}_{12}\text{OS}$

Molecular Weight: 132.226

Accurate Mass: 132.060885

Percentage Composition: C 54.50%; H 9.15%; O 12.10%; S 24.25%

>>Derivative: S-Me

Synonym(s): 3-(Methylthio)hexanal

CAS Registry Number: 38433-74-8

Molecular Formula: $\text{C}_7\text{H}_{14}\text{OS}$

Molecular Weight: 146.253

Accurate Mass: 146.076535

Percentage Composition: C 57.49%; H 9.65%; O 10.94%; S 21.93%

Boiling Point: Bp_{10} 87-88°

References:

Winter, M. *et al.*, *Helv. Chim. Acta*, 1976, **59**, 1613, (*synth, pmr, ms*)