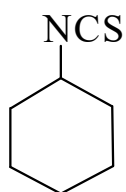




>>Entry Name: Cyclohexyl isothiocyanate, 9CI, 8CI

Synonym(s): Isothiocyanatocyclohexane



CAS Registry Number: 1122-82-3

Molecular Formula: $C_7H_{11}NS$

Molecular Weight: 141.237

Accurate Mass: 141.061219

Percentage Composition: C 59.53%; H 7.85%; N 9.92%; S 22.70%

Use/Importance: Fungicide, bactericide

Physical Description: Liq.

Boiling Point: Bp₃₅ 125°. Bp₁₂ 96°

Hazard & Toxicity: Lachrymator

Aldrich: C10540-6

Fluka: 29460

References:

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Hasserodt, U., *Chem. Ber.*, 1968, **101**, 113, (*synth*)

Yamamoto, T. *et al.*, *Org. Prep. Proced. Int.*, 1994, **26**, 555, (*synth, pmr*)

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