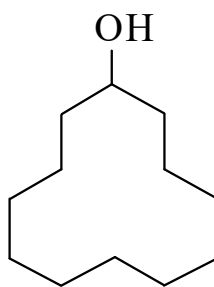




>>Entry Name: Cyclododecanol



**CAS Registry Number:** 1724-39-6

**Molecular Formula:** C<sub>12</sub>H<sub>24</sub>O

**Molecular Weight:** 184.321

**Accurate Mass:** 184.182715

**Percentage Composition:** C 78.20%; H 13.12%; O 8.68%

**Melting Point:** Mp 80°

**Aldrich:** C9740-7

>>Derivative: Ac

**CAS Registry Number:** 6221-92-7

**Molecular Formula:** C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>

**Molecular Weight:** 226.358

**Accurate Mass:** 226.19328

**Percentage Composition:** C 74.29%; H 11.58%; O 14.14%

**Boiling Point:** Bp<sub>11</sub> 141-142°

>>Derivative: Phenylurethane

**Melting Point:** Mp 128-129°

>>Derivative: Me ether

**Synonym(s):** Methoxycyclododecane

**CAS Registry Number:** 2986-54-1

**Molecular Formula:** C<sub>13</sub>H<sub>26</sub>O

**Molecular Weight:** 198.348

**Accurate Mass:** 198.198365

**Percentage Composition:** C 78.72%; H 13.21%; O 8.07%

**Melting Point:** Mp 8°

**Boiling Point:** Bp 270°

**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.4730

**Aldrich:** 32513-9

#### References:

*Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **1**, 248B; 321B, (*nmr*)

*Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 167D, (*ir*)

*Aldrich Library of FT-IR Spectra: Vapor Phase*, 1989, **3**, 244D; 299C, (*ir*)

Kobelt, M. *et al.*, *Helv. Chim. Acta*, 1949, **32**, 256