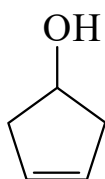




>>Entry Name: 3-Cyclopenten-1-ol, 9CI



CAS Registry Number: 14320-38-8

Molecular Formula: C<sub>5</sub>H<sub>8</sub>O

Molecular Weight: 84.118

Accurate Mass: 84.057515

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Physical Description: Liq.

Boiling Point: Bp<sub>40</sub> 69-70°

Refractive Index: n<sub>D</sub><sup>25</sup> 1.4673

>>Derivative: Ac

CAS Registry Number: 34286-18-5

Molecular Formula: C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>

Molecular Weight: 126.155

Accurate Mass: 126.06808

Percentage Composition: C 66.65%; H 7.99%; O 25.36%

Physical Description: Liq.

Boiling Point: Bp<sub>22</sub> 61-62°

Refractive Index: n<sub>D</sub><sup>23</sup> 1.4441

>>Derivative: 4-Methylbenzenesulfonyl

CAS Registry Number: 36367-85-8

Molecular Formula: C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>S

Molecular Weight: 238.307

Percentage Composition: C 60.48%; H 5.92%; O 20.14%; S 13.46%

Physical Description: Solid

Melting Point: Mp 53.4-54.6°

>>Derivative: Me ether

Synonym(s): 4-Methoxycyclopentene

CAS Registry Number: 40955-64-4

Molecular Formula: C<sub>6</sub>H<sub>10</sub>O

Molecular Weight: 98.144

Accurate Mass: 98.073165

Percentage Composition: C 73.43%; H 10.27%; O 16.30%

Physical Description: Liq.

Boiling Point: Bp 99°

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