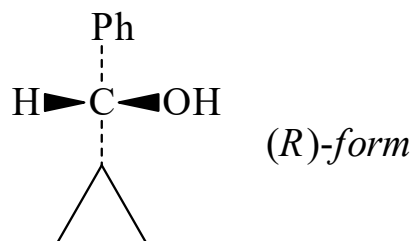




>>Entry Name: Cyclopropylphenylmethanol

Synonym(s): α -Cyclopropylbenzenemethanol, 9Cl. α -Cyclopropylbenzyl alcohol, 8Cl. Cyclopropylphenylcarbinol



CAS Registry Number: 1007-03-0

Related CAS Registry Numbers(s): 110548-55-5 110548-56-6

Molecular Formula: $C_{10}H_{12}O$

Molecular Weight: 148.204

Accurate Mass: 148.088815

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Aldrich: C12040-5

>>Variant: (R)-form

CAS Registry Number: 110548-55-5

Molecular Formula: $C_{10}H_{12}O$

Molecular Weight: 148.204

Accurate Mass: 148.088815

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Physical Description: Liq.

Optical Rotation: $[\alpha]_D^{25} +27.99$ (c, 1.072 in $CHCl_3$)

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

CAS Registry Number: 63226-80-2

Molecular Formula: $C_{10}H_{12}O$

Molecular Weight: 148.204

Accurate Mass: 148.088815

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Physical Description: Pale yellow oil

Boiling Point: Bp_{12} 121°

Density: d_4^{20} 1.04

Refractive Index: n_D^{20} 1.5400

>>Derivative: Me ether

Synonym(s): Cyclopropylmethoxyphenylmethane

CAS Registry Number: 5558-08-7

Molecular Formula: $C_{11}H_{14}O$

Molecular Weight: 162.231

Accurate Mass: 162.104465

Percentage Composition: C 81.44%; H 8.70%; O 9.86%

Boiling Point: Bp_{33} 106-115°. Bp_{14} 94-95°

References:

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