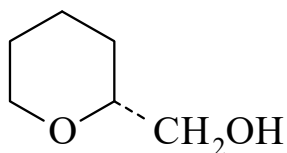




>>Entry Name: Tetrahydro-2*H*-pyran-2-methanol, 9CI

Synonym(s): 2-Hydroxymethyltetrahydropyran. Tetrahydro-2-(hydroxymethyl)pyran



(*R*)-form

CAS Registry Number: 100-72-1

Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

Molecular Weight: 116.16

Accurate Mass: 116.08373

Percentage Composition: C 62.04%; H 10.41%; O 27.55%

Hazard & Toxicity: Severe skin and eye irritant

Aldrich: T1460-5

Fluka: 55870

>>Variant: (*R*)-form

CAS Registry Number: 70766-06-2

Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

Molecular Weight: 116.16

Accurate Mass: 116.08373

Percentage Composition: C 62.04%; H 10.41%; O 27.55%

Boiling Point: Bp<sub>15</sub> 85-88°

Optical Rotation: [α]<sub>D</sub><sup>20</sup> -3.3 (c, 1.12 in H<sub>2</sub>O)

>>Variant: (±)-form

Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

Molecular Weight: 116.16

Accurate Mass: 116.08373

Percentage Composition: C 62.04%; H 10.41%; O 27.55%

Physical Description: Liq.

Boiling Point: Bp<sub>14</sub> 74°

Density: d<sub>4</sub><sup>25</sup> 1.035

>>Derivative: Ac

CAS Registry Number: 5440-83-5

Molecular Formula: C<sub>8</sub>H<sub>14</sub>O<sub>3</sub>

Molecular Weight: 158.197

Accurate Mass: 158.094295

Percentage Composition: C 60.74%; H 8.92%; O 30.34%

Boiling Point: Bp<sub>20</sub> 80-85°

Rare Chemicals Library: S36495-9

#### References:

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