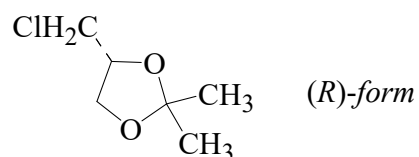




>>Entry Name: 4-(Chloromethyl)-2,2-dimethyl-1,3-dioxolane, 9Cl, 8Cl

Synonym(s): 3-Chloro-1,2-propanediol acetonide



CAS Registry Number: 4362-40-7

Molecular Formula: C₆H₁₁ClO₂

Molecular Weight: 150.604

Accurate Mass: 150.044757

Percentage Composition: C 47.85%; H 7.36%; Cl 23.54%; O 21.25%

Rare Chemicals Library: S86467-6

>>Variant: (R)-form

CAS Registry Number: 57044-24-3

Molecular Formula: C₆H₁₁ClO₂

Molecular Weight: 150.604

Accurate Mass: 150.044757

Percentage Composition: C 47.85%; H 7.36%; Cl 23.54%; O 21.25%

Boiling Point: Bp₁₂ 51°

Optical Rotation: [α]_D²⁰ +40.75 (neat)

Density: d₄²⁰ 1.11

Aldrich: 45613-6

Other: Daiso

>>Variant: (S)-form

CAS Registry Number: 60456-22-6

Molecular Formula: C₆H₁₁ClO₂

Molecular Weight: 150.604

Accurate Mass: 150.044757

Percentage Composition: C 47.85%; H 7.36%; Cl 23.54%; O 21.25%

Physical Description: Liq.

Aldrich: 45614-4

Other: Daiso

>>Variant: (±)-form

CAS Registry Number: 69427-60-7

Molecular Formula: C₆H₁₁ClO₂

Molecular Weight: 150.604

Accurate Mass: 150.044757

Percentage Composition: C 47.85%; H 7.36%; Cl 23.54%; O 21.25%

Boiling Point: Bp 157°

Density: d₂₀ 1.13

Refractive Index: n_D²² 1.4333

References:

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