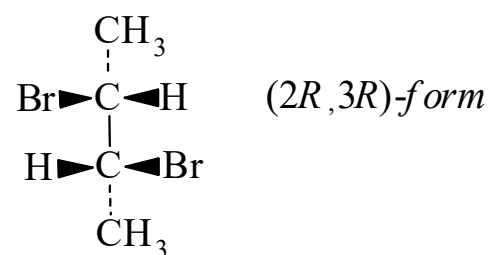




>>Entry Name: 2,3-Dibromobutane, 9CI, 8CI



CAS Registry Number: 5408-86-6

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

Percentage Composition: C 22.25%; H 3.73%; Br 74.01%

Hazard & Toxicity: Fl. p. 65°

Aldrich: 31038-7

>>Variant: (2*R*,3*R*)-form

Synonym(s): (+)-*threo*-form

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

Percentage Composition: C 22.25%; H 3.73%; Br 74.01%

Optical Rotation: [α]₃₆₅ +72 (65.4% op)

>>Variant: (2*S*,3*S*)-form

Synonym(s): (–)-*threo*-form

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

Percentage Composition: C 22.25%; H 3.73%; Br 74.01%

Optical Rotation: [α]₃₆₅ –23.09

>>Variant: (2*RS*,3*RS*)-form

Synonym(s): (±)-*threo*-form

CAS Registry Number: 598-71-0

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

Percentage Composition: C 22.25%; H 3.73%; Br 74.01%

Melting Point: Mp –34.5°

Boiling Point: Bp 157.3°. Bp₁₆ 51-52°

>>Variant: (2*RS*,3*SR*)-form

Synonym(s): *meso*-form

CAS Registry Number: 5780-13-2

Molecular Formula: C₄H₈Br₂

Molecular Weight: 215.915

Accurate Mass: 213.939272

Percentage Composition: C 22.25%; H 3.73%; Br 74.01%

Melting Point: Mp –34.5°

Boiling Point: Bp 157.3°. Bp_{2,2} 29°

Aldrich: 39264-2

References:

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