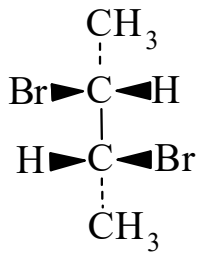
>>**Entry Name: 2,3-Dibromobutane,** 9Cl, 8Cl



(2*R*,3*R*)-*form*

CAS Registry Number: 5408-86-6

Molecular Formula: $C_4H_8Br_2$
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: $C_4H_8Br_2$
Molecular Weight: 215.915
Accurate Mass: 213.939272
Percentage Composition: C 22.25%; H 3.73%; Br 74.01%
Optical Rotation: $[\alpha]_{365}$ +72 (65.4% op)

>>**Variant:** (2*S*,3*S*)-form
Synonym(s): (–)-*threo*-form

Molecular Formula: $C_4H_8Br_2$
Molecular Weight: 215.915
Accurate Mass: 213.939272
Percentage Composition: C 22.25%; H 3.73%; Br 74.01%
Optical Rotation: $[\alpha]_{365}$ –23.09

>>**Variant:** (2*RS*,3*RS*)-form
Synonym(s): (±)-*threo*-form

CAS Registry Number: 598-71-0
Molecular Formula: $C_4H_8Br_2$
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_{16} 51-52°

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

CAS Registry Number: 5780-13-2
Molecular Formula: $C_4H_8Br_2$
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

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