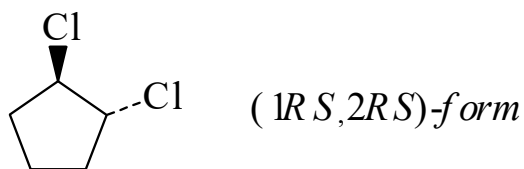




>>Entry Name: 1,2-Dichlorocyclopentane



CAS Registry Number: 14916-75-7

Molecular Formula: C₅H₈Cl₂

Molecular Weight: 139.024

Accurate Mass: 138.000304

Percentage Composition: C 43.20%; H 5.80%; Cl 51.00%

>>Variant: (1R,2R)-form

Synonym(s): (±)-trans-form

CAS Registry Number: 14376-81-9

Molecular Formula: C₅H₈Cl₂

Molecular Weight: 139.024

Accurate Mass: 138.000304

Percentage Composition: C 43.20%; H 5.80%; Cl 51.00%

Boiling Point: Bp₁₅ 43°

Density: d²⁰ 1.2

Refractive Index: n_D²⁵ 1.4781

>>Variant: (1R,2S)-form

Synonym(s): cis-form

CAS Registry Number: 31025-65-7

Molecular Formula: C₅H₈Cl₂

Molecular Weight: 139.024

Accurate Mass: 138.000304

Percentage Composition: C 43.20%; H 5.80%; Cl 51.00%

Refractive Index: n_D²⁵ 1.4822

References:

Russell, G.A. *et al.*, *J.A.C.S.*, 1963, **85**, 2983, (*synth*)

Altona, C. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1966, **85**, 983, (*synth, pmr*)

Walton, J.C. *et al.*, *J.C.S.(B)*, 1970, 1775, (*ms*)

San Filippo, J. *et al.*, *J.O.C.*, 1975, **40**, 3463, (*synth*)