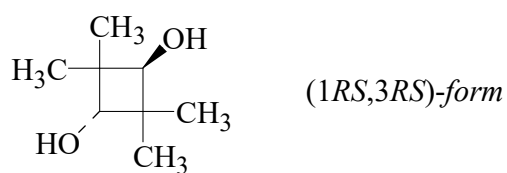




>>Entry Name: 2,2,4,4-Tetramethyl-1,3-cyclobutanediol, 8CI



CAS Registry Number: 3010-96-6

Related CAS Registry Numbers(s): 16791-52-9 19206-10-1 19206-11-2 31062-89-2 31062-90-5 55489-07-1 95810-28-9

Molecular Formula: C₈H₁₆O₂

Molecular Weight: 144.213

Accurate Mass: 144.11503

Percentage Composition: C 66.63%; H 11.18%; O 22.19%

Aldrich: 13194-6

Rare Chemicals Library: S43814-6

Other: PB T06920

>>Variant: (1*RS*,3*RS*)-form

Synonym(s): *trans*-form

CAS Registry Number: 2694-23-7

Molecular Formula: C₈H₁₆O₂

Molecular Weight: 144.213

Accurate Mass: 144.11503

Percentage Composition: C 66.63%; H 11.18%; O 22.19%

Physical Description: Cryst. (toluene)

Melting Point: Mp 148°

>>Derivative: 4-Methylbenzenesulfonyl

CAS Registry Number: 10477-53-9

Physical Description: Cryst. (Et₂O/hexane)

Melting Point: Mp 96-96.8°

>>Derivative: Bis(4-methylbenzenesulfonyl)

CAS Registry Number: 24525-91-5

Molecular Formula: C₂₂H₂₈O₆S₂

Molecular Weight: 452.592

Accurate Mass: 452.13273

Percentage Composition: C 58.38%; H 6.24%; O 21.21%; S 14.17%

Physical Description: Cryst. (CCl₄)

Melting Point: Mp 195-196°

>>Derivative: Diformyl

Molecular Formula: C₁₀H₁₆O₄

Molecular Weight: 200.234

Accurate Mass: 200.10486

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Physical Description: Cryst. (petrol)

Melting Point: Mp 67-68°

>>Derivative: Me ether, 4-bromobenzenesulfonyl

CAS Registry Number: 19206-09-8

Melting Point: Mp 60.5-62.5°