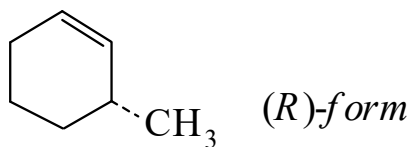




>>Entry Name: 3-Methylcyclohexene, 9CI

Synonym(s): 1,2,3,4-Tetrahydrotoluene



CAS Registry Number: 591-48-0

Related CAS Registry Numbers(s): 28808-37-9

Extra CAS Registry Numbers(s): 1335-47-3 1335-86-0

Molecular Formula: C₇H₁₂

Molecular Weight: 96.172

Accurate Mass: 96.0939

Percentage Composition: C 87.42%; H 12.58%

>>Variant: (R)-form

CAS Registry Number: 23713-56-6

Molecular Formula: C₇H₁₂

Molecular Weight: 96.172

Accurate Mass: 96.0939

Percentage Composition: C 87.42%; H 12.58%

Boiling Point: Bp 103-104°

Optical Rotation: [α]_D²⁵+89.4 (c, 4.1 in CCl₄)

>>Variant: (±)-form

CAS Registry Number: 56688-75-6

Molecular Formula: C₇H₁₂

Molecular Weight: 96.172

Accurate Mass: 96.0939

Percentage Composition: C 87.42%; H 12.58%

Boiling Point: Bp 104°

Density: d₄²⁵ 0.799

Refractive Index: n_D²⁵ 1.4432

References:

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