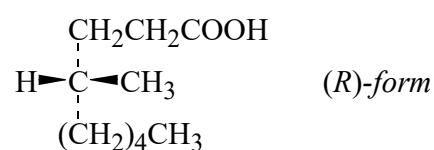




>>Entry Name: 4-Methylnonanoic acid, 9CI



CAS Registry Number: 45019-28-1

Related CAS Registry Numbers(s): 124918-66-7

Molecular Formula: C₁₀H₂₀O₂

Molecular Weight: 172.267

Accurate Mass: 172.14633

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

>>Variant: (R)-form

CAS Registry Number: 124918-65-6

Molecular Formula: C₁₀H₂₀O₂

Molecular Weight: 172.267

Accurate Mass: 172.14633

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

Boiling Point: Bp_{0.25} 89°

Optical Rotation: [α]_D²⁵ -1.34 (neat)

>>Variant: (±)-form

CAS Registry Number: 124842-68-8

Molecular Formula: C₁₀H₂₀O₂

Molecular Weight: 172.267

Accurate Mass: 172.14633

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

Boiling Point: Bp₇₀ 150°

References:

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Carpita, A. *et al.*, *Gazz. Chim. Ital.*, 1989, **119**, 99-105, (*synth*)

Anasaka, K. *et al.*, *Tet. Lett.*, 1997, **38**, 6853-6856, (*resoln*)