>>**Entry Name: 6-Dodecene**

CAS Registry Number: 29493-00-3
Extra CAS Registry Numbers(s): 25378-22-7
$H_3C(CH_2)_4CH=CH(CH_2)_4CH_3$

Molecular Formula: $C_{12}H_{24}$
Molecular Weight: 168.322
Accurate Mass: 168.1878
Percentage Composition: C 85.63%; H 14.37%

>>**Variant:** (*E*)-form

CAS Registry Number: 7206-17-9
Molecular Formula: $C_{12}H_{24}$
Molecular Weight: 168.322
Accurate Mass: 168.1878
Percentage Composition: C 85.63%; H 14.37%
Physical Description: Liq.
Melting Point: Mp –34°
Boiling Point: Bp_3 55-56°

>>**Variant:** (*Z*)-form

CAS Registry Number: 7206-29-3
Molecular Formula: $C_{12}H_{24}$
Molecular Weight: 168.322
Accurate Mass: 168.1878
Percentage Composition: C 85.63%; H 14.37%
Physical Description: Liq.
Boiling Point: Bp_3 53-54°

References:

Ziegler, K. *et al.*, *Annalen*, 1950, **567**, 43, *(synth)*
Hamatani, T. *et al.*, *Tetrahedron*, 1988, **44**, 2875, *(synth, ir, pmr, ms)*