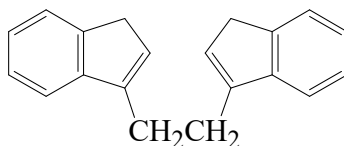




>>Entry Name: **1,2-Di-1*H*-inden-3-ylethane**

Synonym(s): 3,3'-(1,2-Ethanediy)bis-1*H*-indene, 9Cl. 1,2-Bis(3-indenyl)ethane



CAS Registry Number: 18657-57-3

Molecular Formula: C₂₀H₁₈

Molecular Weight: 258.362

Accurate Mass: 258.14085

Percentage Composition: C 92.98%; H 7.02%

Use/Importance: Used in synth. of metallocene catalysts for alkene polym.

Physical Description: Cryst. (Me₂CO/EtOH)

Melting Point: Mp 120-122°

Aldrich: 39322-3

References:

Collins, S. *et al.*, *J. Organomet. Chem.*, 1988, **342**, 21-29, (*synth*)

Alt, H.G. *et al.*, *J. Organomet. Chem.*, 1990, **388**, 105-116, (*synth, cryst struct*)

Grossman, R.B., *Organometallics*, 1991, **10**, 1501-1505, (*synth*)

Piemontes, F. *et al.*, *Organometallics*, 1995, **14**, 1256-1266, (*synth, pmr*)

Yang, Q. *et al.*, *Synlett*, 1996, 147-148, (*synth, pmr, cmr*)