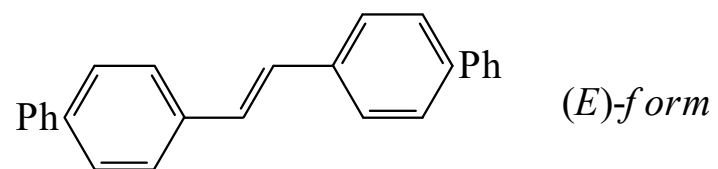




>>Entry Name: 1,2-Di-4-biphenylethylene

Synonym(s): 4,4'-(1,2-Ethenediyl)bis-1,1'-biphenyl, 9Cl. *p,p'*-Diphenylstilbene. DPS



CAS Registry Number: 2039-68-1

Molecular Formula: C₂₆H₂₀

Molecular Weight: 332.444

Accurate Mass: 332.1565

Percentage Composition: C 93.94%; H 6.06%

Aldrich: D21375-6

Sigma: D5005

>>Variant: (E)-form

CAS Registry Number: 1657-71-2

Molecular Formula: C₂₆H₂₀

Molecular Weight: 332.444

Accurate Mass: 332.1565

Percentage Composition: C 93.94%; H 6.06%

Use/Importance: Laser dye. Used in liquid scintillation spectrometry

Melting Point: Mp 300-302 dec.°

>>Variant: (Z)-form

CAS Registry Number: 1657-73-4

Molecular Formula: C₂₆H₂₀

Molecular Weight: 332.444

Accurate Mass: 332.1565

Percentage Composition: C 93.94%; H 6.06%

Melting Point: Mp 222-223°

References:

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