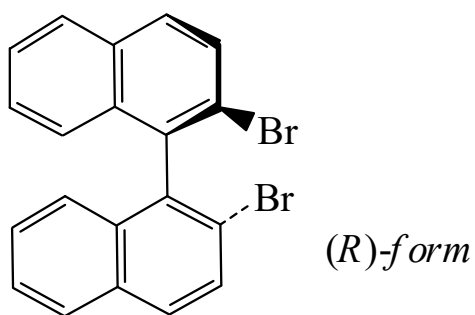




>>Entry Name: 2,2'-Dibromo-1,1'-binaphthyl

Synonym(s): 2,2'-Dibromo-1,1'-binaphthalene, 9CI



CAS Registry Number: 74866-28-7

Molecular Formula: C₂₀H₁₂Br₂

Molecular Weight: 412.123

Accurate Mass: 409.970572

Percentage Composition: C 58.29%; H 2.93%; Br 38.78%

Aldrich: 40499-3

Rare Chemicals Library: S13224-1

>>Variant: (R)-form

CAS Registry Number: 86688-08-6

Molecular Formula: C₂₀H₁₂Br₂

Molecular Weight: 412.123

Accurate Mass: 409.970572

Percentage Composition: C 58.29%; H 2.93%; Br 38.78%

Melting Point: Mp 157-157.5°

Optical Rotation: $[\alpha]_{\text{D}}^{25} +32.9$ (c, 1 in Py)

>>Variant: (±)-form

CAS Registry Number: 76284-65-6

Molecular Formula: C₂₀H₁₂Br₂

Molecular Weight: 412.123

Accurate Mass: 409.970572

Percentage Composition: C 58.29%; H 2.93%; Br 38.78%

Physical Description: Pale-yellow cryst. (EtOH)

Melting Point: Mp 187.3-187.9°

References:

McKillop, A. *et al.*, *J.A.C.S.*, 1980, **102**, 6504, (*synth*)

Okamoto, Y. *et al.*, *J.A.C.S.*, 1981, **103**, 6971, (*resoln*)

Miyashita, A. *et al.*, *Tetrahedron*, 1984, **40**, 1245, (*synth*)

Brown, K.J. *et al.*, *J.O.C.*, 1985, **50**, 4345, (*synth*)