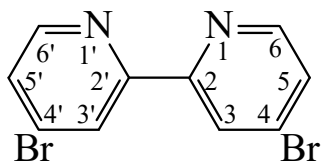




>>Entry Name: 4,4'-Dibromo-2,2'-bipyridine



CAS Registry Number: 18511-71-2

Molecular Formula: C₁₀H₆Br₂N₂

Molecular Weight: 313.979

Accurate Mass: 311.92977

Percentage Composition: C 38.25%; H 1.93%; Br 50.90%; N 8.92%

Physical Description: Needles (petrol)

Melting Point: Mp 141-142°

>>Derivative: 1,1'-Dioxide

CAS Registry Number: 84175-09-7

Molecular Formula: C₁₀H₆Br₂N₂O₂

Molecular Weight: 345.978

Accurate Mass: 343.9196

Percentage Composition: C 34.72%; H 1.75%; Br 46.19%; N 8.10%; O 9.25%

Melting Point: Mp 227-230 dec.° (not pure)

References:

Maerker, G. *et al.*, *J.A.C.S.*, 1958, **80**, 2745, (*synth*)

Wenkert, D. *et al.*, *J.O.C.*, 1983, **48**, 283, (*synth, pmr, uv*)

Cook, M.J. *et al.*, *Org. Magn. Reson.*, 1984, **22**, 388, (*cmr*)

Mabrouk, P.A. *et al.*, *Inorg. Chem.*, 1986, **25**, 526, (*synth, pmr*)