



>>Entry Name: 3,8-Dibromo-1,10-phenanthroline, 9Cl

CAS Registry Number: 100125-12-0

Molecular Formula: C₁₂H₆Br₂N₂

Molecular Weight: 338.001

Accurate Mass: 335.92977

Percentage Composition: C 42.64%; H 1.79%; Br 47.28%; N 8.29%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 221-222°. Mp 270-273°

References:

Case, F.H., *J.O.C.*, 1951, **16**, 941-945, (*synth*)

Tzalis, D. *et al.*, *Tet. Lett.*, 1995, **36**, 3489-3490, (*synth, pmr, cmr*)

Saitoh, Y. *et al.*, *Can. J. Chem.*, 1997, **75**, 1336-1339, (*synth, ir, pmr*)

Connors, P.J. *et al.*, *Inorg. Chem.*, 1998, **37**, 1121-1123, (*synth*)