



>>Entry Name: **2,4-Dibromo-6-methylphenol**

Synonym(s): 4,6-Dibromo-*o*-cresol

CAS Registry Number: 609-22-3

Molecular Formula: C₇H₆Br₂O

Molecular Weight: 265.932

Accurate Mass: 263.918537

Percentage Composition: C 31.62%; H 2.27%; Br 60.09%; O 6.02%

Physical Description: Needles

Melting Point: Mp 57°

Other Data: Steam-volatile

>>Derivative: Ac

Molecular Formula: C₉H₈Br₂O₂

Molecular Weight: 307.969

Accurate Mass: 305.929102

Percentage Composition: C 35.10%; H 2.62%; Br 51.89%; O 10.39%

Melting Point: Mp 62°

>>Derivative: Me ether

Synonym(s): 3,5-Dibromo-2-methoxytoluene

Molecular Formula: C₈H₈Br₂O

Molecular Weight: 279.959

Accurate Mass: 277.934187

Percentage Composition: C 34.32%; H 2.88%; Br 57.08%; O 5.71%

Melting Point: Mp 33.5°

References:

Zincke, Th. *et al.*, *Annalen*, 1906, **350**, 275, (*synth*)

Chien, S. *et al.*, *CA*, 1937, **31**, 1155, (*synth*)

Iddles, H. *et al.*, *J.A.C.S.*, 1940, **62**, 71, (*synth*)

Didier, G. *et al.*, *Bull. Soc. Chim. Fr.*, 1966, 3763, (*nmr*)

Kaemmerer, H. *et al.*, *Spectrochim. Acta A*, 1968, **24**, 2059, (*uv*)