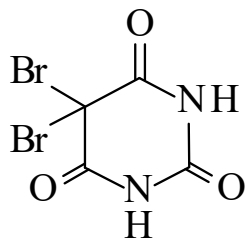




>>Entry Name: 5,5-Dibromo-2,4,6(1H,3H,5H)-pyrimidinetrione

Synonym(s): 5,5-Dibromobarbituric acid. Dibromin



CAS Registry Number: 511-67-1

Molecular Formula: $C_4H_2Br_2N_2O_3$

Molecular Weight: 285.879

Accurate Mass: 283.883215

Percentage Composition: C 16.81%; H 0.71%; Br 55.90%; N 9.80%; O 16.79%

Melting Point: Mp 235°

Aldrich: 30855-2

Sigma: D4508

>>Derivative: 1,3-Di-Me

CAS Registry Number: 56983-59-6

Molecular Formula: $C_6H_6Br_2N_2O_3$

Molecular Weight: 313.933

Accurate Mass: 311.914515

Percentage Composition: C 22.96%; H 1.93%; Br 50.91%; N 8.92%; O 15.29%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 172-174°

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 1320C, (*nmr*)

Biltz, H. *et al.*, *Ber.*, 1916, **49**, 635, (*synth*)

Kosmrlj, J. *et al.*, *Synth. Commun.*, 1996, **26**, 3583, (*di-Me*)

Bright, R. *et al.*, *Synth. Commun.*, 1996, **26**, 4195, (*synth, ir*)