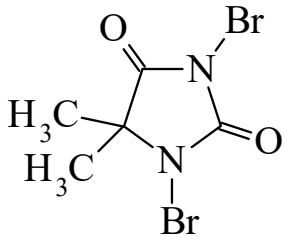
>>**Entry Name: 1,3-Dibromo-5,5-dimethyl-2,4-imidazolidinedione,** 9CI
Synonym(s): 1,3-Dibromo-5,5-dimethylhydantoin. Dibromantin. DDH



CAS Registry Number: 77-48-5

Molecular Formula: $C_5H_6Br_2N_2O_2$
Molecular Weight: 285.923
Accurate Mass: 283.9196
Percentage Composition: C 21.00%; H 2.12%; Br 55.89%; N 9.80%; O 11.19%
Use/Importance: Selective brominating agent. Used in detn. of alkenes. Used as 0.25*M* soln. in glacial AcOH for photometric detn. of As(*III*), Sb(*III*), Sn(*II*)
Physical Description: Powder
Melting Point: Mp 187-190°. Mp 197-199 dec.°
Solubility: Sol. AcOH, $CHCl_3$, EtOH
Hazard & Toxicity: Severe irritant

Aldrich: 15790-2
Fluka: 34140

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