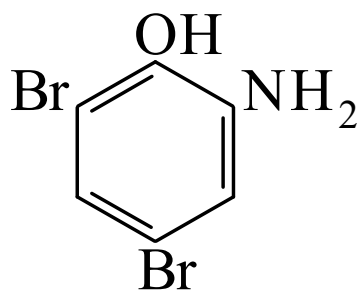




>>Entry Name: 2-Amino-4,6-dibromophenol, 9CI



CAS Registry Number: 10539-14-7

Molecular Formula: C₆H₅Br₂NO

Molecular Weight: 266.92

Accurate Mass: 264.913786

Percentage Composition: C 27.00%; H 1.89%; Br 59.87%; N 5.25%; O 5.99%

Use/Importance: Antibacterial, haemolytic agent

Physical Description: Pale yellow needles (EtOH aq.)

Melting Point: Mp 99°. Mp 166-168 dec.°

>>Derivative: N-Ac

CAS Registry Number: 55202-09-0

Molecular Formula: C₈H₇Br₂NO₂

Molecular Weight: 308.957

Accurate Mass: 306.924351

Percentage Composition: C 31.10%; H 2.28%; Br 51.73%; N 4.53%; O 10.36%

Physical Description: Yellow needles

Melting Point: Mp 186°

>>Derivative: Et ether

Synonym(s): 3,5-Dibromo-2-ethoxyaniline. 3,5-Dibromo-*o*-phenetidine

Molecular Formula: C₈H₉Br₂NO

Molecular Weight: 294.973

Accurate Mass: 292.945086

Percentage Composition: C 32.58%; H 3.08%; Br 54.18%; N 4.75%; O 5.42%

Melting Point: Mp 92°

References:

Thiele, J. *et al.*, *Annalen*, 1900, **311**, 363, (*synth*)

Huisgen, R. *et al.*, *Annalen*, 1959, **623**, 47, (*synth*)