



>>Entry Name: 4-Aminodibenzofuran

Synonym(s): 4-Dibenzofuranamine, 9CI

CAS Registry Number: 50548-43-1

Molecular Formula: $C_{12}H_9NO$

Molecular Weight: 183.209

Accurate Mass: 183.068414

Percentage Composition: C 78.67%; H 4.95%; N 7.65%; O 8.73%

Melting Point: Mp 84.5-85.5°

>>Derivative: *N*-Ac

CAS Registry Number: 50548-37-3

Molecular Formula: $C_{14}H_{11}NO_2$

Molecular Weight: 225.246

Accurate Mass: 225.078979

Percentage Composition: C 74.65%; H 4.92%; N 6.22%; O 14.21%

Melting Point: Mp 172.5°

References:

Kirkpatrick, W.T. *et al.*, *J.A.C.S.*, 1935, **57**, 1126

Brown, E.V. *et al.*, *Org. Prep. Proced. Int.*, 1973, 125, (*synth*)