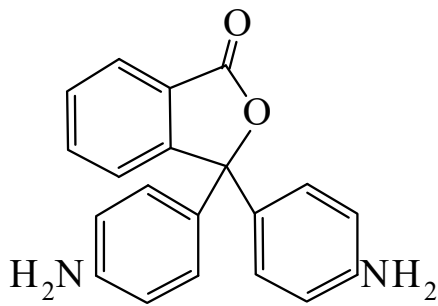




>>Entry Name: **3,3-Bis(4-aminophenyl)phthalide**

Synonym(s): 3,3'-Bis(4-aminophenyl)-1-(3*H*)-isobenzofuranone, 9Cl. 3,3'-Bis(*p*-aminophenyl)phthalide, 8Cl. Diaminophthalophenone. Anilinephthalein



CAS Registry Number: 509-77-3

Molecular Formula: C₂₀H₁₆N₂O₂

Molecular Weight: 316.359

Accurate Mass: 316.121178

Percentage Composition: C 75.93%; H 5.10%; N 8.85%; O 10.11%

Use/Importance: Used in polymerisations

Melting Point: Mp 202.5-203.2° (179-180°)

>>**Derivative:** Hydrochloride (1:2)

Other Data: Sinters above 220°

References:

Schwarzenbach, G. *et al.*, *Helv. Chim. Acta*, 1937, **20**, 1253, (*synth*)

Hubacher, M., *J.A.C.S.*, 1951, **73**, 5885, (*synth*)

Kharkov, S.N. *et al.*, *CA*, 1971, **77**, 20068w, (*synth*)