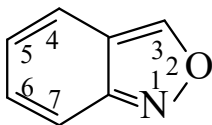




>>Entry Name: Anthranil

Synonym(s): 2,1-Benzisoxazole, 9CI



CAS Registry Number: 271-58-9

Molecular Formula:  $C_7H_5NO$

Molecular Weight: 119.123

Accurate Mass: 119.037114

Percentage Composition: C 70.58%; H 4.23%; N 11.76%; O 13.43%

Physical Description: Oily liq. with characteristic smell

Boiling Point:  $Bp_{13}$  99-99.5°

pKa Value:  $pK_a$  -2.22 (20°)

Other Data: Gradually resinifies on standing. Steam-volatile

Aldrich: 14451-7

>>Derivative:  $HgCl_2$  adduct

Melting Point: Mp 178°

>>Derivative: Picrate

Melting Point: Mp 233-237°

>>Derivative: Methyl tetrafluoroborate

CAS Registry Number: 31767-66-5

Melting Point: Mp 64-65°

Other Data: Sl. hygroscopic, moisture-sensitive

>>Derivative: Ethyl tetrafluoroborate

CAS Registry Number: 31767-67-6

Melting Point: Mp 79.5-80.5°

Other Data: Hygroscopic, moisture-labile

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