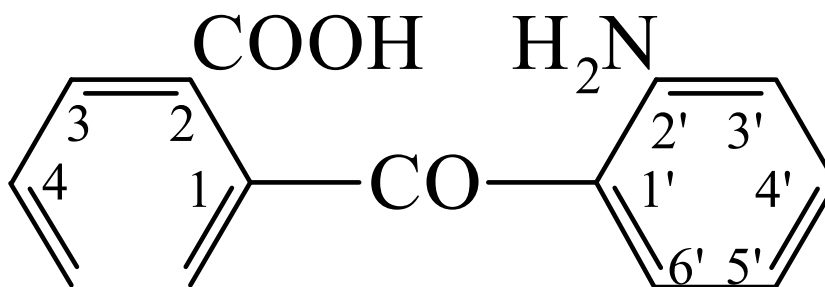




>>Entry Name: 2'-Aminobenzophenone-2-carboxylic acid

Synonym(s): 2-(2-Aminobenzoyl)benzoic acid, 9CI. *o*-Anthraniloylbenzoic acid



CAS Registry Number: 1147-43-9

Molecular Formula: $C_{14}H_{11}NO_3$

Molecular Weight: 241.246

Accurate Mass: 241.073894

Percentage Composition: C 69.70%; H 4.60%; N 5.81%; O 19.90%

Physical Description: Yellow cryst. (EtOH aq.)

Melting Point: Mp 195 dec.°

Aldrich: 15327-3

Sigma: A2281

>>Derivative: Me ester

CAS Registry Number: 36259-21-9

Molecular Formula: $C_{15}H_{13}NO_3$

Molecular Weight: 255.273

Accurate Mass: 255.089544

Percentage Composition: C 70.58%; H 5.13%; N 5.49%; O 18.80%

Physical Description: Yellow cryst. (Et₂O)

Melting Point: Mp 115-117°

>>Derivative: Et ester

Molecular Formula: $C_{16}H_{15}NO_3$

Molecular Weight: 269.299

Accurate Mass: 269.105194

Percentage Composition: C 71.36%; H 5.61%; N 5.20%; O 17.82%

Physical Description: Cryst. (petrol)

Melting Point: Mp 71-72°