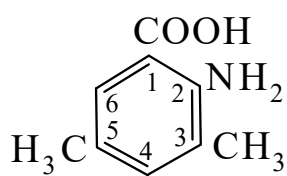




>>Entry Name: 2-Amino-3,5-dimethylbenzoic acid, 9CI

Synonym(s): 4-Aminomesitylenic acid. 3,5-Dimethylantranilic acid



CAS Registry Number: 14438-32-5

Molecular Formula:  $C_9H_{11}NO_2$

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Needles (EtOH)

Melting Point: Mp 191°

Aldrich: D14680-3

Rare Chemicals Library: S50961-2

>>Derivative: Me ester

Molecular Formula:  $C_{10}H_{13}NO_2$

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Physical Description: Cryst. (Me<sub>2</sub>CO)

Melting Point: Mp 39°

#### References:

*Aldrich Library of <sup>13</sup>C and <sup>1</sup>H FT NMR Spectra*, 1992, **2**, 1148C, (*nmr*)

*Aldrich Library of Infrared Spectra*, 3rd edn., 1981, 980H, (*ir*)

Wheeler, H.L. *et al.*, *Am. Chem. J.*, 1910, **44**, 119, (*synth*)

Dokunikhin, N.S., *Org. Poluprod. Krasiteli*, 1959, 148, (*synth*)