



>>Entry Name: 5-Amino-1,3-benzodioxole

Synonym(s): 3,4-Methylenedioxyaniline. 1,3-Benzodioxol-5-amine, 9CI. 4-Aminocatechol methylene ether. 4-Aminobenzdioxole

CAS Registry Number: 14268-66-7

Molecular Formula: C₇H₇NO₂

Molecular Weight: 137.138

Accurate Mass: 137.047679

Percentage Composition: C 61.31%; H 5.14%; N 10.21%; O 23.33%

Physical Description: Cryst. (petrol)

Melting Point: Mp 44°

Boiling Point: Bp₁₆ 144°. Bp₁ 85-86°

Aldrich: 16149-7

Fluka: 66774

>>Derivative: Hydrochloride

CAS Registry Number: 2620-45-3

Physical Description: Light yellow cryst. (MeOH/Et₂O)

Melting Point: Mp 210 dec.° (195-205°)

>>Derivative: N-Ac

CAS Registry Number: 13067-19-1

Molecular Formula: C₉H₉NO₃

Molecular Weight: 179.175

Accurate Mass: 179.058244

Percentage Composition: C 60.33%; H 5.06%; N 7.82%; O 26.79%

Physical Description: Needles (H₂O)

Melting Point: Mp 135°

Rare Chemicals Library: S19013-6

>>Derivative: N-Et

CAS Registry Number: 32953-14-3

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

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

Physical Description: Oil

Aldrich: 23741-8

Fluka: 46113

References:

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Dallacker, F. *et al.*, *Z. Naturforsch., C*, 1978, **33**, 459, (*synth*)

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