



>>Entry Name: **4-Aminobutanal**, 9CI

Synonym(s): 4-Aminobutyraldehyde

CAS Registry Number: 4390-05-0

$\text{H}_2\text{NCH}_2\text{CH}_2\text{CH}_2\text{CHO}$

Molecular Formula: $\text{C}_4\text{H}_9\text{NO}$

Molecular Weight: 87.121

Accurate Mass: 87.068414

Percentage Composition: C 55.15%; H 10.41%; N 16.08%; O 18.36%

>>Derivative: 2,4-Dinitrophenylhydrazone; hydrochloride

Physical Description: Solid (EtOH)

Melting Point: Mp 198-199°

>>Derivative: Di-Me acetal

Synonym(s): 4,4-Dimethoxybutylamine

CAS Registry Number: 19060-15-2

Molecular Formula: $\text{C}_6\text{H}_{15}\text{NO}_2$

Molecular Weight: 133.19

Accurate Mass: 133.110279

Percentage Composition: C 54.11%; H 11.35%; N 10.52%; O 24.02%

Physical Description: Oil

Boiling Point: Bp₂₂ 83-85°

>>Derivative: Di-Et acetal

Synonym(s): 4,4-Diethoxybutylamine

CAS Registry Number: 6346-09-4

Molecular Formula: $\text{C}_8\text{H}_{19}\text{NO}_2$

Molecular Weight: 161.244

Accurate Mass: 161.141579

Percentage Composition: C 59.59%; H 11.88%; N 8.69%; O 19.85%

Boiling Point: Bp 196°. Bp_{0.5} 84-85°

Aldrich: A4415-0

Fluka: 7250

References: