



>>Entry Name: **1-Amino-2-methyl-2-propanol**, 9CI

Synonym(s): Amino-*tert*-butyl alcohol. 2-Hydroxyisobutylamine. Aminotrimethylcarbinol

CAS Registry Number: 2854-16-2

Related CAS Registry Numbers(s): 119330-21-1



Molecular Formula: $\text{C}_4\text{H}_{11}\text{NO}$

Molecular Weight: 89.137

Accurate Mass: 89.084064

Percentage Composition: C 53.90%; H 12.44%; N 15.71%; O 17.95%

Biological Source: Component of phospholipids of *Neurospora crassa*

Boiling Point: Bp 151°. Bp₂₀ 81°

Density: d_{20}^{20} 0.929

Refractive Index: n_D^{18} 1.4460

>>Derivative: Hydrochloride

CAS Registry Number: 30533-50-7

Physical Description: Hygroscopic cryst.

Melting Point: Mp 62-65°

>>Derivative: *N*-Benzoyl

CAS Registry Number: 33561-46-5

Molecular Formula: $\text{C}_{11}\text{H}_{15}\text{NO}_2$

Molecular Weight: 193.245

Accurate Mass: 193.110279

Percentage Composition: C 68.37%; H 7.82%; N 7.25%; O 16.56%

Melting Point: Mp 108°