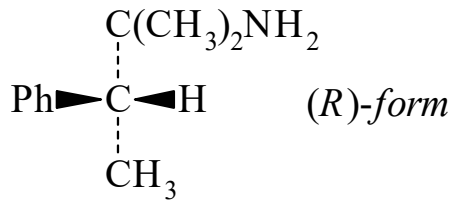
>>**Entry Name: 2-Methyl-3-phenyl-2-butylamine**

Synonym(s): α,α,β-Trimethylbenzeneethanamine, 9CI. α,α,β-Trimethylphenethylamine, 8CI. 2-Amino-2-methyl-3-phenylbutane. **Pentorex,** INN. Phenpentermine



(*R*)-*form*

CAS Registry Number: 434-43-5

Molecular Formula: $C_{11}H_{17}N$
Molecular Weight: 163.262
Accurate Mass: 163.136099
Percentage Composition: C 80.93%; H 10.49%; N 8.58%
Use/Importance: Anorexic agent; sympathomimetic agent
Calculated Log P Data: Log P 2.39 (calc)

>>**Variant:** (*R*)-form

CAS Registry Number: 33686-47-4
Molecular Formula: $C_{11}H_{17}N$
Molecular Weight: 163.262
Accurate Mass: 163.136099
Percentage Composition: C 80.93%; H 10.49%; N 8.58%
Boiling Point: Bp_8 93°
Optical Rotation: $[\alpha]_{Hg}$ –31.1 (c, 3.25 in MeOH)

>>**Variant:** (±)-form

Molecular Formula: $C_{11}H_{17}N$
Molecular Weight: 163.262
Accurate Mass: 163.136099
Percentage Composition: C 80.93%; H 10.49%; N 8.58%
Boiling Point: Bp_{20} 109-111°

>>**Derivative:** Hydrochloride

Melting Point: Mp 200-201°

>>**Derivative:** Tartrate (1:1)
Synonym(s): Liprodene. Modatrop. RD 354

CAS Registry Number: 22876-60-4
Melting Point: Mp 160-162°
Optical Rotation: $[\alpha]_D^{20}$+13.4 (c, 0.8 in H_2O)

References:

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