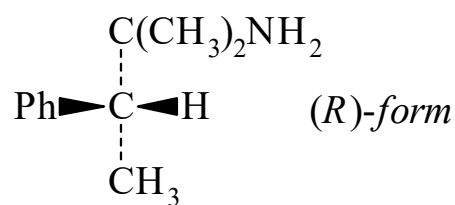




>>Entry Name: 2-Methyl-3-phenyl-2-butylamine

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



CAS Registry Number: 434-43-5

Molecular Formula: $\text{C}_{11}\text{H}_{17}\text{N}$

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: $\text{C}_{11}\text{H}_{17}\text{N}$

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: $[\alpha]_{\text{Hg}} -31.1$ (c, 3.25 in MeOH)

>>Variant: ($\pm$)-form

Molecular Formula: $\text{C}_{11}\text{H}_{17}\text{N}$

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: $[\alpha]_{\text{D}}^{20} +13.4$ (c, 0.8 in H_2O)

References:

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