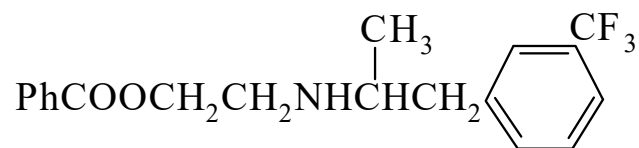




>>Entry Name: Benfluorex, INN

Synonym(s): 2-[[1-Methyl-2-[3-(trifluoromethyl)phenyl]ethyl]amino]ethanol benzoate, 9Cl. 2-[[α-Methyl-*m*-(trifluoromethyl)phenethyl]amino]ethyl benzoate, 8Cl. Balans. Benfluramate. Liparex. Lipascar. Lipophoral. Medialax. Minolip. Modulator. Mediator. Redrax. SE 780



CAS Registry Number: 23602-78-0

Molecular Formula: C₁₉H₂₀F₃NO₂

Molecular Weight: 351.368

Accurate Mass: 351.144613

Percentage Composition: C 64.95%; H 5.74%; F 16.22%; N 3.99%; O 9.11%

Use/Importance: Amphetamine analogue, antihyperlipidaemic, antihyperglycaemic and anorectic agent

Calculated Log P Data: Log P 4.74 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 2300 mg/kg. LD₅₀ (mus, ipr) 108 mg/kg

Sigma: B7522

>>Variant: (±)-form

CAS Registry Number: 35976-51-3

Molecular Formula: C₁₉H₂₀F₃NO₂

Molecular Weight: 351.368

Accurate Mass: 351.144613

Percentage Composition: C 64.95%; H 5.74%; F 16.22%; N 3.99%; O 9.11%

>>Derivative: Hydrochloride

Synonym(s): S 992. JP 992

CAS Registry Number: 23642-66-2

Melting Point: Mp 161-162°

References:

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