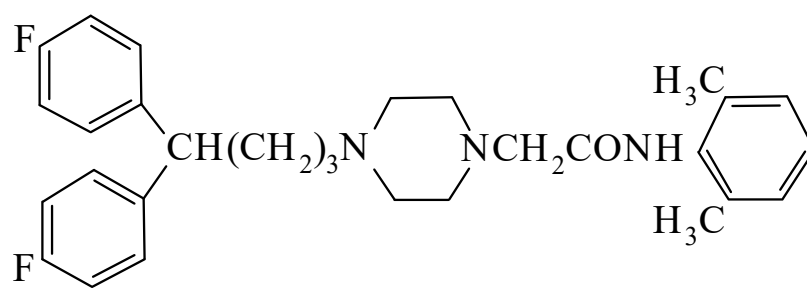




>>Entry Name: Lidoflazine, BAN, INN, USAN

Synonym(s): 4-[4,4-Bis(4-fluorophenyl)butyl]-N-(2,6-dimethylphenyl)-1-piperazineacetamide, 9Cl. 4-[4,4-Bis(*p*-fluorophenyl)butyl]-1-piperazineaceto-2',6'-xylidide, 8Cl. Angex. Clavidene. Clinium. Corflazine. Klinium. Klintab. Ordiflazine. McN JR 7904. R 7904



CAS Registry Number: 3416-26-0

Molecular Formula: C₃₀H₃₅F₂N₃O

Molecular Weight: 491.623

Accurate Mass: 491.274818

Percentage Composition: C 73.29%; H 7.18%; F 7.73%; N 8.55%; O 3.25%

Use/Importance: Coronary vasodilator, heart stimulant

Melting Point: Mp 159-161°

Calculated Log P Data: Log P 6.6 (calc)

Sigma: L0388

References:

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Germain, G. *et al.*, *Acta Cryst. B*, 1977, **33**, 1971, (*cryst struct*)

Vanhoutte, P.M. *et al.*, *Int. Congr. Symp. Ser. R. Soc. Med.*, 1980, **29**, 61, (*rev, pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 9250

Vanhoutte, P.M. *et al.*, *New Drugs Annu.: Cardiovasc. Drugs*, 1983, **1**, 203, (*rev*)