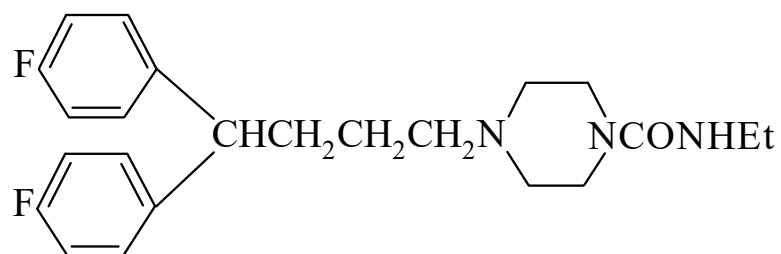




>>Entry Name: **Amperozide**, BAN, INN

Synonym(s): 4-[4,4-Bis(4-fluorophenyl)butyl]-N-ethyl-1-piperazinecarboxamide, 9Cl. Hogpax. FG 5606



CAS Registry Number: 75558-90-6

Related CAS Registry Numbers(s): 86725-37-3

Molecular Formula: C₂₃H₂₉F₂N₃O

Molecular Weight: 401.498

Accurate Mass: 401.227868

Percentage Composition: C 68.81%; H 7.28%; F 9.46%; N 10.47%; O 3.98%

Use/Importance: 5-HT-Receptor antagonist, lacking affinity for dopamine D₂-receptors. Antidepressant, antiaggressive agent

Calculated Log P Data: Log P 5.33 (uncertain value) (calc)

>>Derivative: Hydrochloride

CAS Registry Number: 75529-73-6

Physical Description: Cryst. (butanone/2-propanol)

Melting Point: Mp 177-178°

References:

Ger. Pat., 1980, *Aktiebolag Ferrosan*, 2 941 880; *CA*, **93**, 239459p, (*synth, pharmacol*)

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Christensson, E.G., *Novel Antipsychotic Drugs*, (ed. Meltzer, H.Y.), Raven, 1992, 19, (*rev*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 565

Svartengren, J. *et al.*, *Eur. J. Pharmacol.*, 1994, **254**, 73, (*pharmacol*)