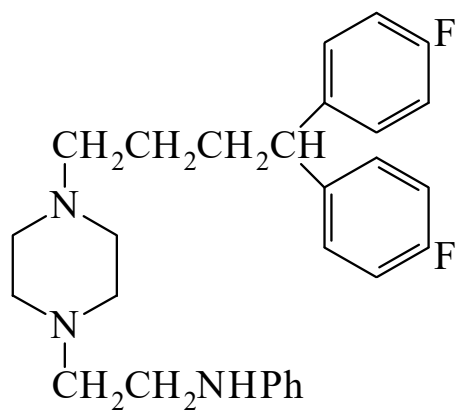




>>Entry Name: Difluanazine, INN

Synonym(s): 4-[4,4-Bis(4-fluorophenyl)butyl]-N-phenyl-1-piperazineethanamine, 9Cl. 1-(2-Anilinoethyl)-4-[4,4-bis(*p*-fluorophenyl)butyl]piperazine, 8Cl. Difluanine. McN-JR 7242-11. R 7242



CAS Registry Number: 5522-39-4

Molecular Formula: C₂₈H₃₃F₂N₃

Molecular Weight: 449.586

Accurate Mass: 449.264253

Percentage Composition: C 74.80%; H 7.40%; F 8.45%; N 9.35%

Use/Importance: Central stimulant

Development Status: Never marketed

Calculated Log P Data: Log P 7.17 (uncertain value) (calc)

>>Derivative: Hydrochloride (1:3)

Synonym(s): Difluanine hydrochloride, USAN

CAS Registry Number: 5522-33-8

Melting Point: Mp 234-235°

References:

Netherlands Pat., 1965, *Janssen*, 6 507 312; *CA*, **64**, 12706d, (*synth, pharmacol*)