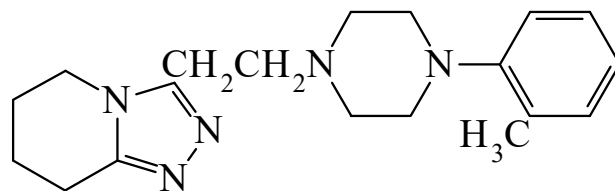




>>Entry Name: **Dapiprazole**, INN

Synonym(s): 5,6,7,8-Tetrahydro-3-[2-[4-(2-methylphenyl)-1-piperazinyl]ethyl]-s-triazolo[4,3-*a*]pyridine, 9Cl. Glamidolo. Reversil. Rev-Eyes. AF 2139



CAS Registry Number: 72822-12-9

Molecular Formula: C₁₉H₂₇N₅

Molecular Weight: 325.456

Accurate Mass: 325.226645

Percentage Composition: C 70.12%; H 8.36%; N 21.52%

Use/Importance: α₁-Adrenoceptor antagonist; used in the treatment of glaucoma. Neuroleptic, psychotropic agent

Development Status: Launched 1987

Melting Point: Mp 158-160°

Calculated Log P Data: Log P 1.9 (calc)

>>**Derivative:** Hydrochloride

Synonym(s): Dapiprazole hydrochloride, USAN

CAS Registry Number: 72822-13-0

Physical Description: Cryst. (EtOH)

Melting Point: Mp 206-207°

Hazard & Toxicity: LD₅₀ (mus, ipr) 260 mg/kg

>>**Derivative:** Maleate (1:1)

CAS Registry Number: 72822-15-2

Physical Description: Cryst. (EtOH)

Melting Point: Mp 153-154°

References:

Ger. Pat., 1979, *ACRAF*, 2 915 318; *CA*, **92**, 111060, (*synth*)

Silvestrini, B. *et al.*, *Arzneim.-Forsch.*, 1982, **32**, 668, (*pharmacol, tox*)

Valeri, P. *et al.*, *Pharmacol. Res. Commun.*, 1985, **17**, 417; 1986, **18**, 1093, (*metab, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1360