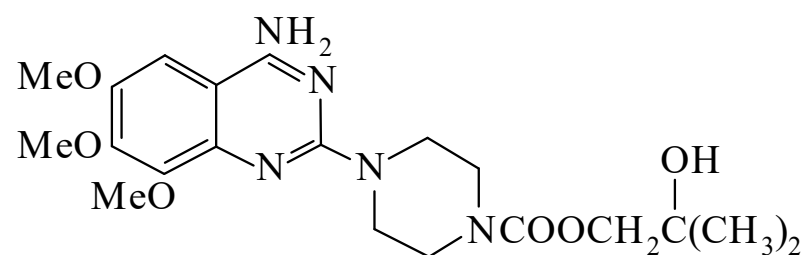




>>Entry Name: Trimazosin, BAN, INN

Synonym(s): 2-Hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazinecarboxylate, 9CI



CAS Registry Number: 35795-16-5

Related CAS Registry Numbers(s): 53746-46-6

Molecular Formula: C₂₀H₂₉N₅O₆

Molecular Weight: 435.479

Accurate Mass: 435.211785

Percentage Composition: C 55.16%; H 6.71%; N 16.08%; O 22.04%

Use/Importance: Antihypertensive drug, cardiac stimulant. α -Adrenoceptor antagonist

Physical Description: Cryst. (CHCl₃/Et₂O)

Development Status: Launched 1985

Melting Point: Mp 158-159°

Calculated Log P Data: Log P 2.6 (calc)

>>Derivative: Hydrochloride

Synonym(s): Trimazosin hydrochloride, USAN. Cardovar. Supres. CP 19106-1

CAS Registry Number: 35795-17-6

Physical Description: Cryst. + 1H₂O

References:

Ger. Pat., 1971, 2 120 495; *CA*, **76**, 127012e, (*synth, pharmacol*)

Weber, M.A. *et al.*, *Clin. Pharmacol. Ther. (St. Louis)*, 1982, **31**, 572, (*pharmacol*)

Reid, J.L. *et al.*, *Am. Heart J.*, 1983, **106**, 1222, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 390