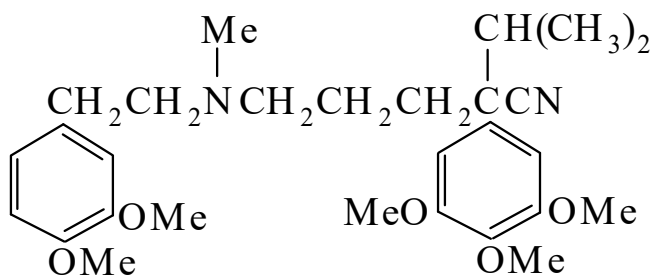




>>Entry Name: Gallopamil, BAN, INN

Synonym(s): α -[3-[[2-(3,4-Dimethoxyphenyl)ethyl]methylamino]propyl]-3,4,5-trimethoxy- α -(trimethylethyl)benzeneacetonitrile, 9Cl. 5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile, 8Cl. 5'-Methoxyverapamil. Procorum. Wingom. D 600



CAS Registry Number: 16662-47-8

Related CAS Registry Numbers(s): 16662-46-7

Molecular Formula: $C_{28}H_{40}N_2O_5$

Molecular Weight: 484.634

Accurate Mass: 484.293723

Percentage Composition: C 69.39%; H 8.32%; N 5.78%; O 16.51%

Use/Importance: Calcium antagonist. Coronary vasodilator, uterine contractor, antianginal agent

Development Status: Launched 1983

Calculated Log P Data: Log P 3.22 (calc)

Sigma: M5644

>>Variant: (-)-form

CAS Registry Number: 36622-40-9

Molecular Formula: $C_{28}H_{40}N_2O_5$

Molecular Weight: 484.634

Accurate Mass: 484.293723

Percentage Composition: C 69.39%; H 8.32%; N 5.78%; O 16.51%

>>Derivative: Hydrochloride

Melting Point: Mp 161-163°

Optical Rotation: $[\alpha]_D^{25} -9.25$ (c, 0.4 in EtOH)

References:

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Ger. Pat., 1972, 2 059 923; *CA*, **77**, 101250b, (synth, pharmacol)

Fleckenstein-Gruen, G., *J. Cardiovasc. Pharmacol.*, (Suppl. 7), 1992, **20**, S1, (rev)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 67

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