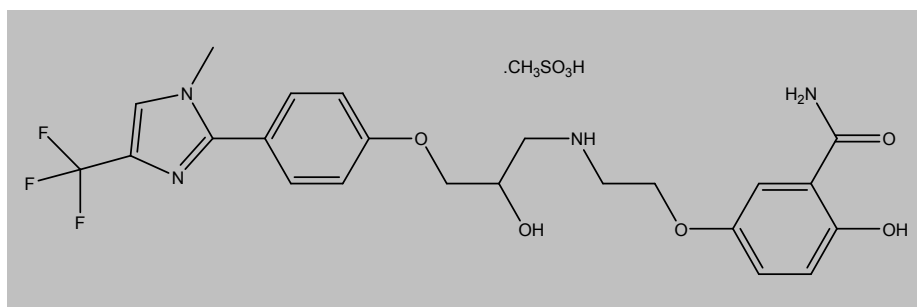


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 16/10/2014
COA Revision Date: 16/10/2017

Product: CGP 20712 mesylate
Cat. No.: BN0131
Batch No.: 0131BN/01
Chemical Name: 1-[2-((3-Carbamoyl-4-hydroxy)phenoxy)ethylamino]-3-[4-(1-methyl-4-trifluoromethyl-2-imidazolyl)phenoxy]-2-propanol mesylate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₃H₂₅F₃N₄O₅ .CH₃SO₃H
Batch Molecular Weight: 590.57
CAS No.: [105737-62-0]
Physical Appearance: Off-white solid
Melting Point: 142 - 144° C
Solubility: Soluble to 2% in water (PH 5-6) or to 10% in DMSO
Storage: Desiccate at +4° C
Batch Molecular Structure:



Product Description: **Potent and selective β_1 -adrenoceptor antagonist ($K_i = 1.5$ nM at human recombinant β_1 receptors). About 10,000-fold selective over β_2 -adrenoceptors.**

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References: 1. Tate et al. (1991) Eur J Biochem 196:357; 2. Dooley et al. (1986) Eur J Pharmacol 130:137; 3. Kitagawa et al. (1995) Br J Pharmacol 116:1635; 4. Hieble et al. (1995) J Med Chem 38:3415

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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BN0131 CGP 20712 mesylate

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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