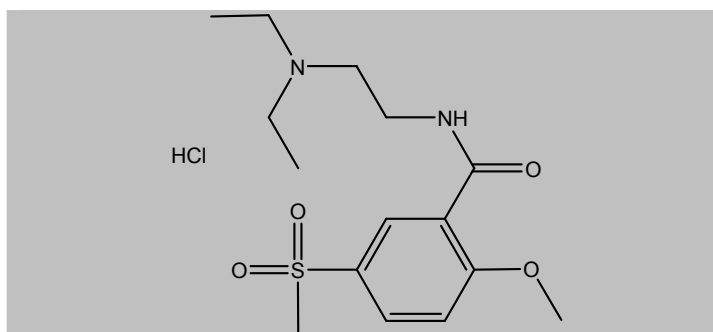


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 24/09/2013
COA Revision Date: 24/09/2016

Product: Tiapride hydrochloride
Cat. No.: BG0338
Batch No.: 0338BG/01
Chemical Name: N-(2-(Diethylamino)ethyl)-2-methoxy-5-(methylsulfonyl)-benzamide hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₅H₂₄N₂O₄S .HCl
Batch Molecular Weight: 364.89
CAS No.: [51012-32-9]
Physical Appearance: White crystalline powder
Melting Point:
Solubility: Soluble in ethanol
Storage: RT
Batch Molecular Structure:



Product Description: Dopamine D₂ and D₃ receptor antagonist. It has affinities for Dopamine D₂ (IC₅₀ = 110 - 320 nM) and D₃ (IC₅₀ = 180 nM) receptors *in vitro*, but lacks affinity for Dopamine D₁ and D₄ receptors and for non-dopaminergic receptors including Histamine H₁, α₁, α₂ adrenergic and serotonergic receptors. Antipsychotic agent.

References: 1. Scatton et al. (2001) Eur Psychiatry 16 Suppl 1:29s

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

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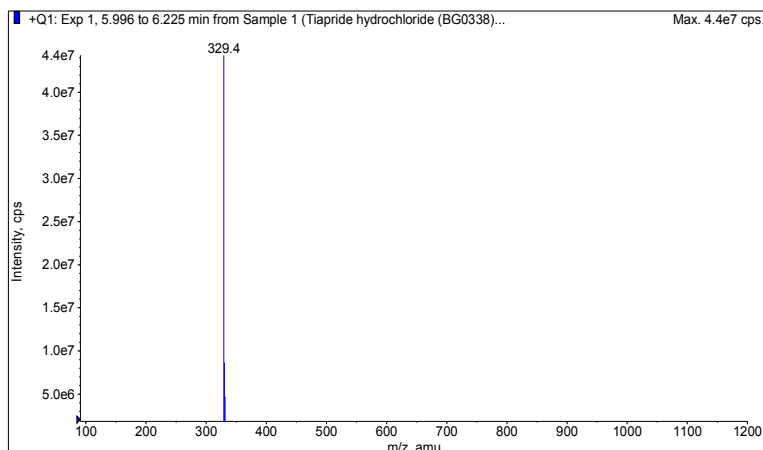
BG0338 Tiapride hydrochloride

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: pH: 4.85 (complies); Loss on drying: 0.06% (complies); Residue on ignition: 0.07% (complies); Heavy Metals: < 20 ppm (complies); HPLC Assay: 99.33% (complies).



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