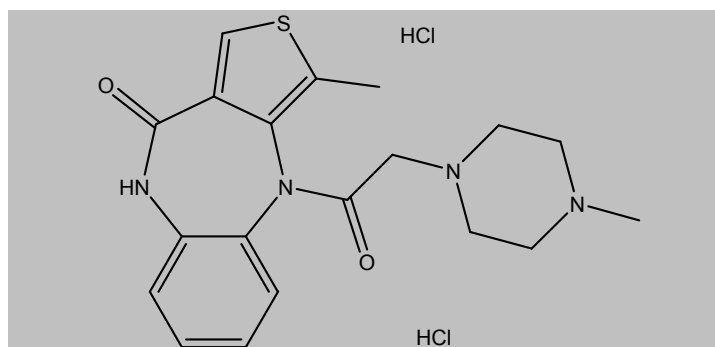


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 27/10/2014
COA Revision Date: 27/10/2017

Product: Telenzepine dihydrochloride
Cat. No.: BN0514
Batch No.: 0514BN/01
Chemical Name: 4,9-Dihydro-3-methyl-4-[(4-methyl-1-piperazinyl)acetyl]-10H-thieno[3,4-b][1,5]benzodiazepin-10-one dihydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₉H₂₂N₄O₂S .2HCl
Batch Molecular Weight: 443.39
CAS No.: [147416-96-4]
Physical Appearance: White solid
Melting Point: 231 - 233° C
Solubility: Soluble to 100 mM in water
Storage: RT
Batch Molecular Structure:



Product Description: Selective high affinity muscarinic M₁ receptor antagonist (K_i = 0.94 nM). An analogue of Pirenzepine (Cat. No. BG0383) with a higher potency and similar selectivity for M₁ receptors in animals. Inhibits gastric acid secretion.

References: 1. Eltze et al. (1985) Eur J Pharmacol 112:211; 2. Galvan et al. (1989) Eur J Pharmacol 167:1; 3. Christofi et al. (1991) Eur J Pharmacol 195:333; 4. Kilian et al. (1991) Agents Actions 34:131

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



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BN0514 Telenzepine dihydrochloride

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 98% (complies).

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