

Certificate Of Analysis

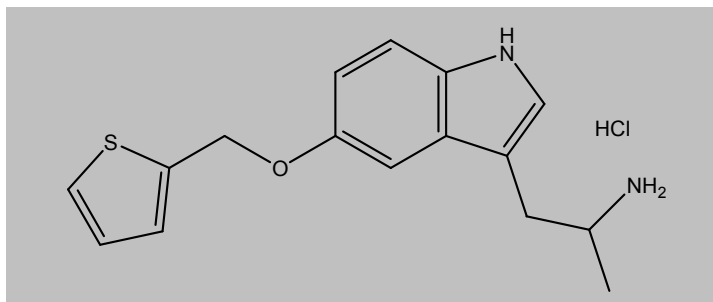
Quality Control Testing and Research Application

COA Preparation Date: 03/11/2014
COA Revision Date: 03/11/2017

Product: **BW 723C86 hydrochloride**
Cat. No.: BN0645
Batch No.: 0645BN/01
Chemical Name: α -Methyl-5-(2-thienylmethoxy)-1H-indole-3-ethanamine hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₆H₁₈N₂OS .HCl
Batch Molecular Weight: 322.85
CAS No.: [160521-72-2]
Physical Appearance: Cream solid
Melting Point: 204 - 205° C
Solubility: Soluble to 100 mM in DMSO
Storage: Desiccate at +4° C
Batch Molecular Structure:



Product Description: **Selective 5-HT_{2B} receptor agonist (EC₅₀ values are 1.1, 218 and 93 nM for human cloned 5-HT_{2B}, 5-HT_{2A} and 5-HT_{2C} receptors respectively).**

References: 1. Kennett et al. (1996) Br J Pharmacol 117:1443; 2. Kennett et al. (1997) Neuropharmacology 36:233; 3. Porter et al. (1999) Br J Pharmacol 128:13

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



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2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

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

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