Product Name: BW 723C86 hydrochloride
Catalog No.: 1059
Batch No.: 3
CAS Number: 160521-72-2
IUPAC Name: α-methyl-5-(2-thienylmethoxy)-1H-indole-3-ethanamine hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: \(\text{C}_{16}\text{H}_{18}\text{N}_{2}\text{O}_{3}\text{S.HCl}\)
Batch Molecular Weight: 322.85
Physical Appearance: Cream solid
Solubility: DMSO to 100 mM
Storage: Desiccate at +4°C

2. ANALYTICAL DATA

TLC: \(R_f = 0.1\) (Dichloromethane:Methanol [10:1])
Melting Point: Between 204 - 205°C
HPLC: Shows >99.4% purity
\(^1\text{H NMR:}\) Consistent with structure
Microanalysis:

<table>
<thead>
<tr>
<th></th>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical</td>
<td>59.52</td>
<td>5.93</td>
<td>8.68</td>
</tr>
<tr>
<td>Found</td>
<td>59.32</td>
<td>5.99</td>
<td>8.5</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
**Product Name:** BW 723C86 hydrochloride  
**Catalog No.:** 1059  
**Batch No.:** 3  

**CAS Number:** 160521-72-2  
**IUPAC Name:** α-methyl-5-(2-thienylmethoxy)-1H-indole-3-ethanamine hydrochloride

---

**Description:**
Selective 5-HT2B receptor agonist.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C16H19N2OS.HCl  
- **Batch Molecular Weight:** 322.85  
- **Physical Appearance:** Cream solid  
- **Minimum Purity:** >99%

**Storage:** Desiccate at +4°C

**Solubility & Usage Info:**
DMSO to 100 mM

**Stability and Solubility Advice:**
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

- **SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
- **SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**