1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: \( C_{16}H_{23}N_5O.C_4H_4O_4 \)
Batch Molecular Weight: 417.46
Physical Appearance: White solid
Solubility: DMSO to 100 mM
Storage: Store at +4°C
Batch Molecular Structure:

![Batch Molecular Structure](image)

2. ANALYTICAL DATA

HPLC: Shows 99.6% purity
\(^1\)H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

<table>
<thead>
<tr>
<th>Element</th>
<th>Theoretical</th>
<th>Found</th>
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<tr>
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<td>57.41</td>
</tr>
<tr>
<td>H</td>
<td>6.52</td>
<td>6.53</td>
</tr>
<tr>
<td>N</td>
<td>16.78</td>
<td>16.7</td>
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</table>

Certificate of Analysis
Print Date: Jan 14th 2016
www.tocris.com

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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### Product Information

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Tegaserod maleate</th>
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<tbody>
<tr>
<td>Catalog No.:</td>
<td>4613</td>
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<td>Batch No.:</td>
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<td>CAS Number:</td>
<td>189188-57-6</td>
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<td>IUPAC Name:</td>
<td>2-[(5-Methoxy-1H-indol-3-yl)methylene]-N-pentyl-hydrazinecarboximidamide maleate</td>
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</table>

**Description:**
Partial agonist of 5-HT₄ (Kᵢ = 12 nM).

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C₁₀H₁₆N₂O₂.C₄H₄O₄
- **Batch Molecular Weight:** 417.46
- **Physical Appearance:** White solid
- **Minimum Purity:** >99%

**Batch Molecular Structure:**

![Batch Molecular Structure](image)

**Storage:** Store 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:**