1. PHYSICAL AND CHEMICAL PROPERTIES

   Batch Molecular Formula: \( \text{C}_{20}\text{H}_{14}\text{Cl}\text{N}_{3}\text{O}_{3}\text{S} \)
   Batch Molecular Weight: 411.86
   Physical Appearance: Off White solid
   Solubility: DMSO to 50 mM
   Storage: Desiccate at +4°C

2. ANALYTICAL DATA

   HPLC: Shows 99.7% purity
   \(^1\text{H NMR:}\) Consistent with structure
   Mass Spectrum: Consistent with structure
   Microanalysis:

<table>
<thead>
<tr>
<th></th>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
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<tbody>
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<td>58.33</td>
<td>3.43</td>
<td>10.2</td>
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<tr>
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</table>

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

**Product Name:** SR 27897

**CAS Number:** 136381-85-6

**IUPAC Name:** 2-[[4-(2-Chlorophenyl)-2-thiazolyl]amino]carbonyl]-1H-indole-1-acetic acid

**Description:**
Potent, non-peptide CCK₁ receptor antagonist that displays >33-fold selectivity over CCK₂ receptors (EC₉₀ values are 6 and 200 nM respectively). Causes an increase in plasma leptin levels and increases food intake in rats in vivo.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C₂₀H₁₄ClN₃O₅S
- **Batch Molecular Weight:** 411.86
- **Physical Appearance:** Off White solid
- **Minimum Purity:** >99%
- **Batch Molecular Structure:**

![Batch Molecular Structure](image)

**Storage:** Desiccate at +4°C

**Solubility & Usage Info:**
DMSO to 50 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:**