Product Name: SDZ 205-557 hydrochloride
Catalog No.: 2037 Batch No.: 1
CAS Number: 1197334-02-3
IUPAC Name: 4-Amino-5-chloro-2-methoxybenzoic acid 2-(diethylamino)ethyl ester hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $C_{14}H_{21}ClN_2O_3.HCl$
Batch Molecular Weight: 337.25
Physical Appearance: White solid
Solubility: water to 100 mM
Storage: Desiccate at RT
Batch Molecular Structure:

2. ANALYTICAL DATA

TLC: $R_f = 0.29$ (Dichloromethane:Methanol [95:5])
HPLC: Shows >99.9% purity
$^1$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>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical</td>
<td>49.86</td>
<td>6.57</td>
<td>8.31</td>
</tr>
<tr>
<td>Found</td>
<td>49.73</td>
<td>6.63</td>
<td>8.18</td>
</tr>
</tbody>
</table>
**Product Name:** SDZ 205-557 hydrochloride

**CAS Number:** 1197334-02-3

**IUPAC Name:** 4-Amino-5-chloro-2-methoxybenzoic acid 2-(diethylamino)ethyl ester hydrochloride

**Description:**
5-HT₁/5-HT₄ receptor antagonist.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C₁₄H₁₂ClN₂O₃.HCl
- **Batch Molecular Weight:** 337.25
- **Physical Appearance:** White solid

**Minimum Purity:** >99%

**Batch Molecular Structure:**

![Batch Molecular Structure Image]

**Storage:** Desiccate at RT

**Solubility & Usage Info:**
Water 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:**