1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $\text{C}_5\text{H}_9\text{NO}_3\cdot\text{HCl}$
Batch Molecular Weight: 167.59
Physical Appearance: White solid
Solubility: water to 100 mM
Storage: Store at -20°C

2. ANALYTICAL DATA

$^1$H NMR: Consistent with structure
Microanalysis:

<table>
<thead>
<tr>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical</td>
<td>35.83</td>
<td>6.01</td>
</tr>
<tr>
<td>Found</td>
<td>35.84</td>
<td>6.02</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
Product Name: 5-Aminolevulinic acid hydrochloride

CAS Number: 5451-09-2
IUPAC Name: 5-Amino-4-oxopentanoic acid hydrochloride

Catalog No.: 5514   Batch No.: 1
EC Number: 226-679-5

Description:
Substrate for detection of δ-aminolevulinic acid dehydratase. Used in fluorescence guided resection of tumors.

Physical and Chemical Properties:
Batch Molecular Formula: C₇H₇NO₄.HCl
Batch Molecular Weight: 167.59
Physical Appearance: White solid

Batch Molecular Structure:

Storage: Store at -20°C

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.