

Certificate of Analysis

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Product Name: 5-Aminolevulinic acid hydrochloride

Catalog No.: 5514

Batch No.: 1

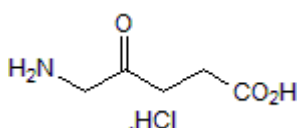
CAS Number: 5451-09-2

EC Number: 226-679-5

IUPAC Name: 5-Amino-4-oxopentanoic acid hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₅H₉NO₃·HCl
Batch Molecular Weight: 167.59
Physical Appearance: White solid
Solubility: water to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

¹H NMR: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	35.83	6.01	8.36
Found	35.84	6.02	8.35

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

Product Information

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Description:

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

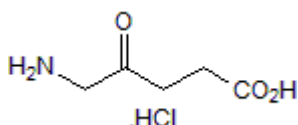
Physical and Chemical Properties:

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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.

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