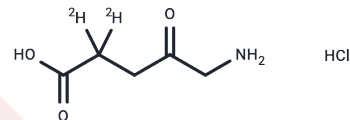


## 5-Aminolevulinic acid-D2 hydrochloride

## Chemical Properties

CAS No. : 187237-35-0  
 Formula: C<sub>5</sub>H<sub>10</sub>ClNO<sub>3</sub>  
 Molecular Weight: 169.60  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	5-Aminolevulinic acid-D2 hydrochloride is the deuterated form of 5-Aminolevulinic acid (hydrochloride). 5-Aminolevulinic acid hydrochloride (T1662) (5-ALA hydrochloride) serves as an intermediate in the biosynthesis of heme in the body and acts as a precursor to tetrapyrroles.
Targets(IC50)	Apoptosis, Mitophagy, Endogenous Metabolite, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8962 mL	29.4811 mL	58.9623 mL
5 mM	1.1792 mL	5.8962 mL	11.7925 mL
10 mM	0.5896 mL	2.9481 mL	5.8962 mL
50 mM	0.1179 mL	0.5896 mL	1.1792 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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