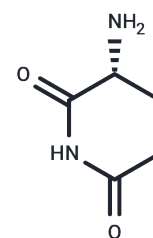


## D-2-Aminoglutarimide (hydrochloride)

## Chemical Properties

CAS No. :	1801140-47-5
Formula:	C <sub>5</sub> H <sub>9</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	164.59
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl



## Biological Description

Description	D-2-Aminoglutarimide is a synthetic intermediate. It has been used in the synthesis of hydantoins with anti-angiogenic and cancer cell differentiation-inducing activities.
Targets(IC50)	Others

## Solubility Information

Solubility	Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0757 mL	30.3785 mL	60.757 mL
5 mM	1.2151 mL	6.0757 mL	12.1514 mL
10 mM	0.6076 mL	3.0379 mL	6.0757 mL
50 mM	0.1215 mL	0.6076 mL	1.2151 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.

## Reference

Yamaguchi, J., Noguchi-Yachide, T., Sakaguchi, Y., et al. Synthesis of new hydantoins bearing glutarimide or succinimide moiety and their evaluation for cell differentiation-inducing and anti-angiogenic activities. *Heterocycles* 91(4)764-781(2015)

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