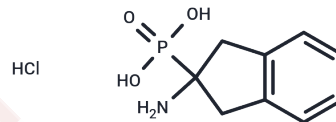


2-Aminoindan-2-phosphonic acid hydrochloride

Chemical Properties

CAS No. :	1416354-35-2
Formula:	C ₉ H ₁₃ ClNO ₃ P
Molecular Weight:	249.63
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	2-Aminoindan-2-phosphonic acid hydrochloride is a competitive inhibitor of phenylalanine ammonia-lyase (PAL), which significantly reduces the levels of total phenolic compounds and PheGs in cultured plant cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0059 mL	20.0296 mL	40.0593 mL
5 mM	0.8012 mL	4.0059 mL	8.0119 mL
10 mM	0.4006 mL	2.003 mL	4.0059 mL
50 mM	0.0801 mL	0.4006 mL	0.8012 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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