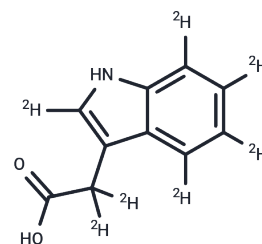


Indole-2,4,5,6,7-D5-3-acetic-2,2-D2 Acid

Chemical Properties

CAS No. : 1173020-21-7
 Formula: C₁₀H₂D₇NO₂
 Molecular Weight: 182.23
 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	Indole-2,4,5,6,7-D5-3-acetic-2,2-D2 Acid is a deuterated compound of Indole-3-acetic acid (TMSM-0238). Indole-3-acetic Acid has a CAS number of 87-51-4. 3-Indoleacetic acid (IAA) is the most common plant hormone of the auxin class and it regulates various aspects of plant growth and development.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4876 mL	27.4379 mL	54.8757 mL
5 mM	1.0975 mL	5.4876 mL	10.9751 mL
10 mM	0.5488 mL	2.7438 mL	5.4876 mL
50 mM	0.1098 mL	0.5488 mL	1.0975 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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