

Indole-3-butyric acid-D2

Chemical Properties

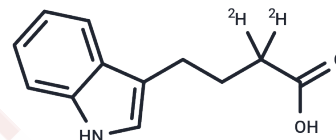
CAS No. :

Formula: C₁₂H₁₁D₂NO₂

Molecular Weight: 205.25

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-3-butyric acid-D2 is a deuterated compound of Indole-3-butyric acid. Indole-3-butyric acid (T6361) has a CAS number of 133-32-4. 3-Indolebutyric acid (IBA) is a plant hormone in the auxin family and is an ingredient in many commercial plant rooting horticultural products.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8721 mL	24.3605 mL	48.7211 mL
5 mM	0.9744 mL	4.8721 mL	9.7442 mL
10 mM	0.4872 mL	2.4361 mL	4.8721 mL
50 mM	0.0974 mL	0.4872 mL	0.9744 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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