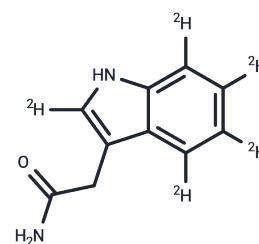


Indole-3-acetamide-D5

Chemical Properties

CAS No. :	1204700-53-7
Formula:	C ₁₀ H ₁₀ N ₂ O
Molecular Weight:	179.23
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Indole-3-acetamide-D5 is a deuterated compound of indole-3-acetamide and can be used for isotope tracing. Indole-3-acetamide (T4834) is a biosynthetic intermediate of indole-3-acetic acid.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5794 mL	27.8971 mL	55.7942 mL
5 mM	1.1159 mL	5.5794 mL	11.1588 mL
10 mM	0.5579 mL	2.7897 mL	5.5794 mL
50 mM	0.1116 mL	0.5579 mL	1.1159 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

Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019 Feb;53(2):211-216.

Thomas Lehmann, et al. Indole-3-acetamide-dependent auxin biosynthesis: a widely distributed way of indole-3-acetic acid production? *Eur J Cell Biol.* 2010 Dec;89(12):895-905.

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