

5-Methoxyindole-d3

Chemical Properties

CAS No. :	90663-68-6
Formula:	C9H9NO
Molecular Weight:	150.2
Storage:	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	5-Methoxyindole-d3 is the deuterium-labeled form of 5-Methoxyindole. 5-Methoxyindole is an endogenously produced compound with significant biological activity, derived from the metabolism of L-tryptophan. It serves as a pharmaceutical intermediate for synthesizing 5-methoxytryptophan and N-acetyl 5-methoxytryptamine, which exhibit anticancer and anti-inflammatory properties.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6578 mL	33.2889 mL	66.5779 mL
5 mM	1.3316 mL	6.6578 mL	13.3156 mL
10 mM	0.6658 mL	3.3289 mL	6.6578 mL
50 mM	0.1332 mL	0.6658 mL	1.3316 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481