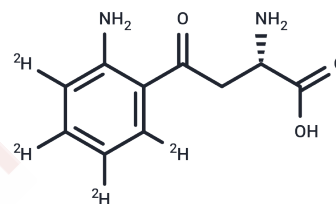


L-Kynurenine-D4-1

Chemical Properties

CAS No. :	194546-33-3
Formula:	C ₁₀ H ₈ D ₄ N ₂ O ₃
Molecular Weight:	212.24
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	L-Kynurenine-D4-1 is a deuterated compound of L-Kynurenine. L-Kynurenine (T4928) has a CAS number of 2922-83-0. L-Kynurenine (T4928) is a key intermediate in the breakdown pathway of tryptophan. L-Kynurenine (T4928) is a substrate of kynureninase, KMO, and KAT associated with the suppression of antitumor immune responses. It has been shown to inhibit allogeneic T-cell proliferation and to increase malignant U87 glioma cell invasion into a collagen matrix.
Targets(IC50)	Aryl Hydrocarbon Receptor, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7116 mL	23.5582 mL	47.1165 mL
5 mM	0.9423 mL	4.7116 mL	9.4233 mL
10 mM	0.4712 mL	2.3558 mL	4.7116 mL
50 mM	0.0942 mL	0.4712 mL	0.9423 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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