

DL-Tryptophan-D5

Chemical Properties

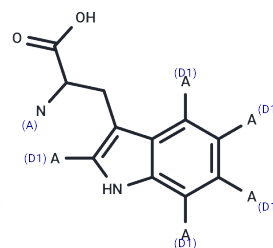
CAS No. :

Formula: C₁₁D₅H₇N₂O₂

Molecular Weight: 209.26

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

DL-Tryptophan-D5 is a deuterated compound of DL-Tryptophan. DL-Tryptophan (TN2285) has a CAS number of 54-12-6. Tryptophan containing dipeptides are interesting ingredients for functional foods as a natural prevention for hypertension with reduced side effects due to its selective inhibition of the C-domain. Low thalamic Tryptophan uptake appears to be a strong, independent predictor of long survival in patients with previous glioma treatment.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7787 mL	23.8937 mL	47.7874 mL
5 mM	0.9557 mL	4.7787 mL	9.5575 mL
10 mM	0.4779 mL	2.3894 mL	4.7787 mL
50 mM	0.0956 mL	0.4779 mL	0.9557 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481