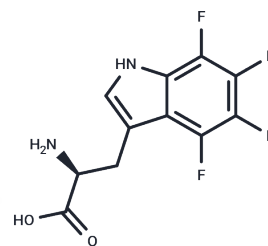


F4-Trp

Chemical Properties

CAS No. :	72120-72-0
Formula:	C ₁₁ H ₈ F ₄ N ₂ O ₂
Molecular Weight:	276.19
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	F4-Trp (4,5,6,7-Tetrafluoro-L-tryptophan) is a ligand specifically targeting the $\alpha 3\beta 4$ subtype of nicotinic acetylcholine receptors ($\alpha 3\beta 4nAChR$). This compound holds potential for research in neurotransmission, addiction, and related conditions, including neurological disorders.
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6207 mL	18.1035 mL	36.207 mL
5 mM	0.7241 mL	3.6207 mL	7.2414 mL
10 mM	0.3621 mL	1.8103 mL	3.6207 mL
50 mM	0.0724 mL	0.3621 mL	0.7241 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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