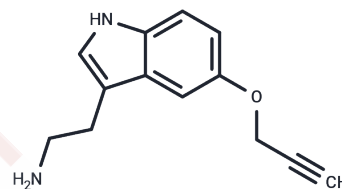


5-PT

Chemical Properties

CAS No. : 92085-05-7
 Formula: C₁₃H₁₄N₂O
 Molecular Weight: 214.268
 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 5-PT (5-Propargyltryptamide) is an alkynylated 5-HT analog that can undergo bioorthogonal click chemistry (e.g., azide-alkynyl cycloaddition reactions) used in neuroscience research as a tool compound or probe to track down proteins interacting with 5-PT and to explore the mechanism of 5-hydroxytryptamine's action in cells.

Solubility Information

Solubility H₂O: <1 mg/mL (Insoluble)
 DMSO: 25 mg/mL (116.68 mM), Sonication is recommended.
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.667 mL	23.335 mL	46.6701 mL
5 mM	0.9334 mL	4.667 mL	9.334 mL
10 mM	0.4667 mL	2.3335 mL	4.667 mL
50 mM	0.0933 mL	0.4667 mL	0.9334 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

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