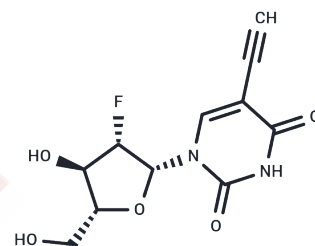


F-ara-EdU

Chemical Properties

CAS No. : 95740-26-4
 Formula: C₁₁H₁₁FN₂O₅
 Molecular Weight: 270.214
 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	F-ara-EdU is a low-toxicity, highly stable DNA synthesis probe that labels cell proliferation and DNA replication by binding to DNA or RNA in cells. It can also be employed to measure the rate of DNA synthesis within cells and to study the mechanisms of DNA repair and damage.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7008 mL	18.5041 mL	37.0083 mL
5 mM	0.7402 mL	3.7008 mL	7.4017 mL
10 mM	0.3701 mL	1.8504 mL	3.7008 mL
50 mM	0.074 mL	0.3701 mL	0.7402 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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