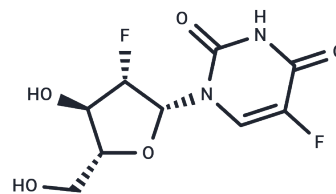


2',5-Difluoro-2'-deoxy-1-arabinosyluracil

Chemical Properties

CAS No. :	69123-95-1
Formula:	C ₉ H ₁₀ F ₂ N ₂ O ₅
Molecular Weight:	264.18
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2',5-Difluoro-2'-deoxy-1-arabinosyluracil (2'-Deoxy-2'-fluoro-5-fluoro-arabinouridine) is a urinary pyrimidine nucleoside analogue with potential antiepileptic and antihypertensive activity, which can be used to study anticonvulsant and anxiety disorders.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Solubility Information

Solubility	DMSO: 50 mg/mL (189.26 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7853 mL	18.9265 mL	37.853 mL
5 mM	0.7571 mL	3.7853 mL	7.5706 mL
10 mM	0.3785 mL	1.8926 mL	3.7853 mL
50 mM	0.0757 mL	0.3785 mL	0.7571 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.

Reference

Connolly GP, et al. Uridine and its nucleotides: biological actions, therapeutic potentials. Trends Pharmacol Sci. 1999 May;20(5):218-25.

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:36 Washington Street,Wellesley Hills,MA 02481