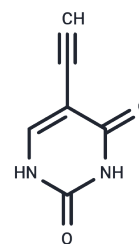


Eniluracil

Chemical Properties

CAS No. :	59989-18-3
Formula:	C ₆ H ₄ N ₂ O ₂
Molecular Weight:	136.11
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Eniluracil (GW776C85) is an orally active dihydropyrimidine dehydrogenase (DPD) inhibitor, increases the oral bioavailability of 5-FU to 100%, facilitating uniform absorption and predictable toxicity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 62.5 mg/mL (459.19 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.347 mL	36.735 mL	73.470 mL
5 mM	1.4694 mL	7.347 mL	14.694 mL
10 mM	0.7347 mL	3.6735 mL	7.347 mL
50 mM	0.1469 mL	0.7347 mL	1.4694 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

Kindler H L , Schilsky R L . Eniluracil: an irreversible inhibitor of dihydropyrimidine dehydrogenase[J]. Expert Opinion on Investigational Drugs, 2000, 9(7):1635-1649.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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