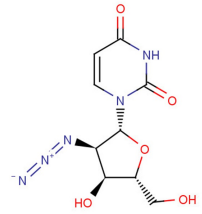


Data Sheet (Cat.No.T10068)

2'-Azido-2'-deoxyuridine

Chemical Properties

CAS No.:	26929-65-7
Formula:	C9H11N5O5
Molecular Weight:	269.21
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	2'-Azido-2'-deoxyuridine (N3dUrd) is a ribonucleotide reductase inhibitor with anti-cancer activity.
Targets(IC ₅₀)	Others: None
In vitro	2'-Azido-2'-deoxyuridine (N3dUrd) has IC ₅₀ s of >350 μM for ribonucleotide reductase activity in CHO and 3T6 cell.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.715 mL	18.573 mL	37.146 mL
5 mM	0.743 mL	3.715 mL	7.429 mL
10 mM	0.371 mL	1.857 mL	3.715 mL
50 mM	0.074 mL	0.371 mL	0.743 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Kang SH, et al. Biological activity and phosphorylation of 2

Inhibitors · Natural Compounds · Compound Libraries

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