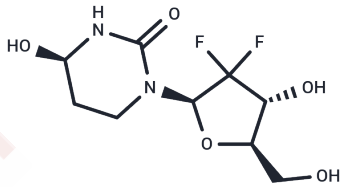
Data Sheet (Cat.No.T26972)

TargetMol

Cedazuridine

Chemical Properties



CAS No. : 1141397-80-9

Formula: C9H14F2N2O5

Molecular Weight: 268.21

Storage: Store at low temperature,Keep away from direct sunlight
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	Cedazuridine ((4R)-2'-Deoxy-2',2'-difluoro-3,4,5,6-tetrahydrouridine) is an oral inhibitor of cytidine deaminase with antineoplastic properties.
Targets(IC50)	Others,DNA Methyltransferase
In vivo	Oral Cedazuridine when combined with Azacitidine achieves successful tumor regression in both human cell line-derived xenograft transplantation experiment and patient-derived xenograft models[2].

Solubility Information

Solubility	DMSO: 17.6 mg/mL (65.62 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7284 mL	18.6421 mL	37.2842 mL
5 mM	0.7457 mL	3.7284 mL	7.4568 mL
10 mM	0.3728 mL	1.8642 mL	3.7284 mL
50 mM	0.0746 mL	0.3728 mL	0.7457 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.

Reference

Garcia-Manero G, et al. Oral cedazuridine/decitabine for MDS and CMML: a phase 2 pharmacokinetic/pharmacodynamic randomized crossover study. Blood. 2020 Aug 6;136(6):674-683.
Ramsey HE, et al. Oral Azacitidine and Cedazuridine Approximate Parenteral Azacitidine Efficacy in Murine Model. Target Oncol. 2020 Apr;15(2):231-240.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481