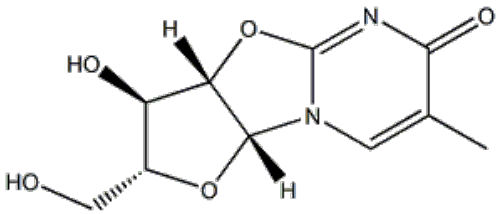
Product Data Sheet

Product Name: 2,2'-O-Anhydro-5-methyluridine
Cat. No.: GF39659

Chemical Properties

Cas. No.	22423-26-3		
Formula	$C_{10}H_{12}N_2O_5$	M.Wt	240.21
Solubility	DMSO : 50 mg/mL(208.15 mM; Need ultrasonic)	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

TK-112690 is aUPP1inhibitor. TK-112690 inhibits murine small intestinal uridinephosphorylase(UPase) with anIC50of 12.5 μM and human small intestinal UPase with anIC50of 20.0 μM in vitro. TK-112690 increases plasma uridine concentration in mice. TK-112690 can be used for the study ofcancerand pulmonary fibrosis[1][2][3].

References:

[1].Strefeler A, et al. Nucleosides are overlooked fuels in central carbon metabolism. Trends Endocrinol Metab. 2024 Apr;35(4):290-299.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA