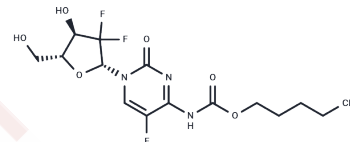


## Pencitabine

## Chemical Properties

CAS No. :	2249843-29-4
Formula:	C <sub>15</sub> H <sub>20</sub> F <sub>3</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	395.33
Storage:	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	Pencitabine (Pen) is an orally bioavailable antineoplastic compound that impedes DNA synthesis by inhibiting various nucleotide-metabolizing enzymes and incorporating itself erroneously into DNA [1].
Targets(IC50)	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5295 mL	12.6477 mL	25.2953 mL
5 mM	0.5059 mL	2.5295 mL	5.0591 mL
10 mM	0.253 mL	1.2648 mL	2.5295 mL
50 mM	0.0506 mL	0.253 mL	0.5059 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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