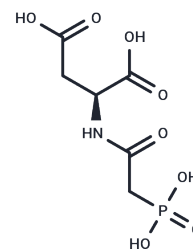


## Sparfosic Acid

## Chemical Properties

CAS No. :	51321-79-0
Formula:	C <sub>6</sub> H <sub>10</sub> N <sub>0</sub> O <sub>8</sub> P
Molecular Weight:	255.12
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Sparfosic Acid (Acide sparfosique) is an aspartate carbamoyltransferase inhibitor with antitumor activity and can be used to study advanced renal cell carcinoma.
Targets(IC50)	Apoptosis

## Solubility Information

Solubility	H <sub>2</sub> O: 150 mg/mL (587.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9197 mL	19.5986 mL	39.1972 mL
5 mM	0.7839 mL	3.9197 mL	7.8394 mL
10 mM	0.392 mL	1.9599 mL	3.9197 mL
50 mM	0.0784 mL	0.392 mL	0.7839 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.

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