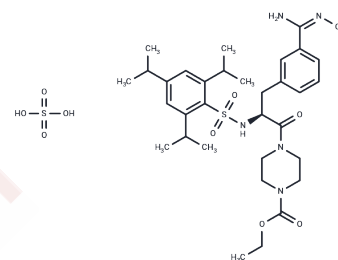


## Upamostat hydrogen sulfate

### Chemical Properties

CAS No. :	1191101-19-5
Formula:	C32H49N5O10S2
Molecular Weight:	727.89
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	Upamostat, also known as Mesupron and WX-671, is an orally bioavailable second-generation serine protease inhibitor prodrug derived from 3-amidinophenylalanine. It targets the human urokinase plasminogen activator (uPA) system and exhibits potential antineoplastic and antimetastatic properties. After oral administration, the serine protease inhibitor WX-671 is converted into its active form, N $\alpha$ -(2,4,6-triisopropylphenylsulfonyl)-3-amidinophenylalanine-4-ethoxycarbonylpiperazinylamide (WX-UK1), which inhibits multiple serine proteases, especially uPA, potentially hindering tumor growth and metastasis.
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3738 mL	6.8692 mL	13.7383 mL
5 mM	0.2748 mL	1.3738 mL	2.7477 mL
10 mM	0.1374 mL	0.6869 mL	1.3738 mL
50 mM	0.0275 mL	0.1374 mL	0.2748 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

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