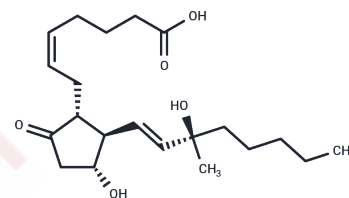


## Arbaprostil

## Chemical Properties

CAS No. : 55028-70-1  
 Formula: C<sub>21</sub>H<sub>34</sub>O<sub>5</sub>  
 Molecular Weight: 366.49  
 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	Arbaprostil is a synthetic prostaglandin E analog that protects gastric mucosa, prevents ulceration, and promotes healing of peptic ulcers. The protective effect is independent of acid inhibition. It is also a potent inhibitor of pancreatic function and can inhibit the growth of experimental tumors. Arbaprostil is a prodrug for the potent PGE <sub>2</sub> .
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7286 mL	13.6429 mL	27.2859 mL
5 mM	0.5457 mL	2.7286 mL	5.4572 mL
10 mM	0.2729 mL	1.3643 mL	2.7286 mL
50 mM	0.0546 mL	0.2729 mL	0.5457 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