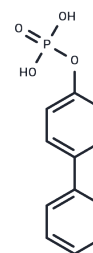


## (4-Phenylphenoxy)phosphonic acid

## Chemical Properties

CAS No. :	46817-52-1
Formula:	C <sub>12</sub> H <sub>11</sub> O <sub>4</sub> P
Molecular Weight:	250.19
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	(4-Phenylphenoxy) phosphonic acid is an inhibitor of protein tyrosine phosphatase (PTP) with a KM of 86 μM, and it is applicable in tuberculosis research.
Targets(IC50)	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.997 mL	19.9848 mL	39.9696 mL
5 mM	0.7994 mL	3.997 mL	7.9939 mL
10 mM	0.3997 mL	1.9985 mL	3.997 mL
50 mM	0.0799 mL	0.3997 mL	0.7994 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