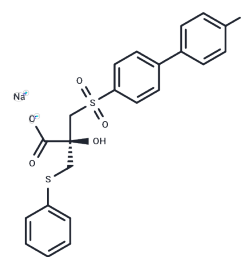


PNU-248686A

Chemical Properties

CAS No. : 341498-89-3
 Formula: C₂₂H₁₈ClNaO₅S₂
 Molecular Weight: 484.95
 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	PNU-248686A is an inhibitor of matrix metalloproteinase (MMP).
Targets(IC50)	MMP
In vitro	PNU-248686A is an orally active matrix metalloproteinase (MMP) inhibitor with potential therapeutic effects on solid tumors over-expressing MMPs[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0621 mL	10.3103 mL	20.6207 mL
5 mM	0.4124 mL	2.0621 mL	4.1241 mL
10 mM	0.2062 mL	1.031 mL	2.0621 mL
50 mM	0.0412 mL	0.2062 mL	0.4124 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.

Reference

Frigerio E, et al. Determination of PNU-248686A, a novel matrix metalloproteinase inhibitor, in human plasma by liquid chromatography-tandem mass spectrometry, following protein precipitation in the 96-well plate format. J Chromatogr A. 2003 Feb 14;987(1-2):249-56.

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