

Mifamurtide TFA

Chemical Properties

CAS No. :

Formula: C₆₁H₁₁₀F₃N₆O₂₁P

Molecular Weight: 1351.52

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	Mifamurtide TFA (MTP-PE TFA), a muramyl dipeptide (MDP) analog, acts as a nonspecific immunomodulator by activating macrophages and monocytes to stimulate the immune response. As an orphan agent and a specific NOD2 ligand, it is utilized as an insulin sensitizer and holds research potential in osteosarcoma [1][2][3].
Targets(IC50)	Others,NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7399 mL	3.6995 mL	7.3991 mL
5 mM	0.148 mL	0.7399 mL	1.4798 mL
10 mM	0.074 mL	0.370 mL	0.7399 mL
50 mM	0.0148 mL	0.074 mL	0.148 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