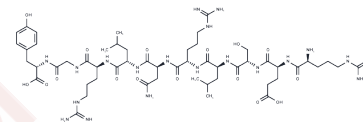


Allotrap

Chemical Properties

CAS No. :	151232-75-6
Formula:	C53H90N20O16
Molecular Weight:	1263.41
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	Allotrap is a small synthetic peptide derived from the alpha1 helix of the heavy chain of HLA class I proteins. It suppresses human T cell responses in vitro. It prolongs allograft survival in rats and mice.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7915 mL	3.9575 mL	7.9151 mL
5 mM	0.1583 mL	0.7915 mL	1.583 mL
10 mM	0.0792 mL	0.3958 mL	0.7915 mL
50 mM	0.0158 mL	0.0792 mL	0.1583 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

- Tice DG, Bruch D, Buelow R, Squiers EC. Survival of rat small bowel allografts treated with allotrap 07R. J Surg Res. 1997 Sep;72(1):78-83. PubMed PMID: 9344717.
- Iyer S, Kontoyiannis D, Chevrier D, Woo J, Mori N, Cornejo M, Kollias G, Buelow R. Inhibition of tumor necrosis factor mRNA translation by a rationally designed immunomodulatory peptide. J Biol Chem. 2000 Jun 2;275(22):17051-7. PubMed PMID: 10748117.
- Buelow R, Veyron P, Clayberger C, Pouletty P, Touraine JL. Prolongation of skin allograft survival in mice following administration of ALLOTRAP. Transplantation. 1995 Feb 27;59(4):455-60. PubMed PMID: 7878745.
- Oberyszyn TM, Robertson FM, Tober KL, Ross MS, Parrett ML, Wilgus TA, Iyer S, Woo J, Buelow R. Inhibition of cutaneous UV light-induced tumor necrosis factor-alpha protein production by Allotrap 1258, a novel immunomodulatory peptide. Photochem Photobiol. 2001 Feb;73(2):184-90. PubMed PMID: 11272733.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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