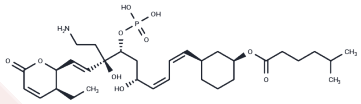
Data Sheet (Cat.No.T32686)

TargetMol

Leustroducsin A

Chemical Properties



CAS No. : 145142-81-0

Formula: C32H52NO10P

Molecular Weight: 641.73

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	Leustroducsin A is an inducer of colony-stimulating factors (CSFs) extracted from Streptomyces platensis SANK 60191.
Targets(IC50)	c-Fms,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5583 mL	7.7914 mL	15.5829 mL
5 mM	0.3117 mL	1.5583 mL	3.1166 mL
10 mM	0.1558 mL	0.7791 mL	1.5583 mL
50 mM	0.0312 mL	0.1558 mL	0.3117 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

Kohama T, Nakamura T, Kinoshita T, Kaneko I, Shiraishi A. Novel microbial metabolites of the phoslactomycins family induce production of colony-stimulating factors by bone marrow stromal cells. II. Isolation, physico-chemical properties and structure determination. J Antibiot (Tokyo). 1993 Oct;46(10):1512-9. PubMed PMID: 7503976.

Kohama T, Enokita R, Okazaki T, Miyaoka H, Torikata A, Inukai M, Kaneko I, Kagasaki T, Sakaida Y, Satoh A, et al. Novel microbial metabolites of the phoslactomycins family induce production of colony-stimulating factors by bone marrow stromal cells. I. Taxonomy, fermentation and biological properties. J Antibiot (Tokyo). 1993 Oct;46 (10):1503-11. PubMed PMID: 7503975.

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