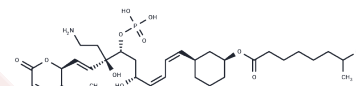


Leustroducsin C

Chemical Properties

CAS No. : 145142-83-2
 Formula: C₃₄H₅₆NO₁₀P
 Molecular Weight: 669.78
 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 C is an inducer of colony-stimulating factors CSF extracted from <i>Streptomyces platensis</i> SANK 60191.
Targets(IC50)	c-Fms,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.493 mL	7.4651 mL	14.9303 mL
5 mM	0.2986 mL	1.493 mL	2.9861 mL
10 mM	0.1493 mL	0.7465 mL	1.493 mL
50 mM	0.0299 mL	0.1493 mL	0.2986 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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