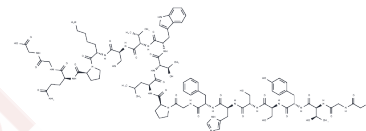


## EPO mimetic peptide-1

## Chemical Properties

CAS No. :	186526-28-3
Formula:	C94H135N25O26S2
Molecular Weight:	2095.36
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	EPO Mimetic Peptide-1 (EMP-1) is a 20 amino acid peptide that promotes cell proliferation, modulates the cell cycle, and stimulates reticulocyte production in vivo [1].
In vitro	EPO mimetic peptide-1 demonstrates an IC50 value of 0 for inhibiting the binding of tracer 125I-labeled EPO.
In vivo	EPO mimetic peptide-1, administered once at doses of 1 and 2 mg, stimulates reticulocyte production beyond the baseline observed in normal mice with intrinsic endogenous EPO levels [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4772 mL	2.3862 mL	4.7724 mL
5 mM	0.0954 mL	0.4772 mL	0.9545 mL
10 mM	0.0477 mL	0.2386 mL	0.4772 mL
50 mM	0.0095 mL	0.0477 mL	0.0954 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**

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481