

SDGR

Chemical Properties

CAS No. : 97461-82-0

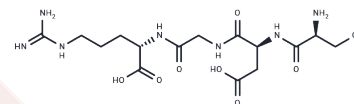
Formula: C15H27N7O8

Molecular Weight: 433.42

Keep away from moisture

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	SDGR, a tetrapeptide comprising a serine-aspartic acid-glycine-arginine (Ser-Asp-Gly-Arg) sequence, efficiently impedes cell attachment mediated by fibronectin [1].
In vitro	SDGR, at concentrations ranging from 0 to 500 µg/mL, impedes the dispersion of BHK cells and chick embryo fibroblasts on substrates coated with human spreading factor (vitronectin), with chick embryo fibroblasts exhibiting increased sensitivity to SDGR-mediated inhibition.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3072 mL	11.5362 mL	23.0723 mL
5 mM	0.4614 mL	2.3072 mL	4.6145 mL
10 mM	0.2307 mL	1.1536 mL	2.3072 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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