

## GRGDSPK 2TFA(111119-28-9(free base))

## Chemical Properties

CAS No. :

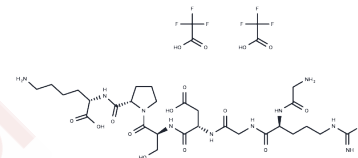
Formula: C32H51F6N11O15

Molecular Weight: 943.81

Pure form: -20°C for 3 years | In solvent: -80°C for 1

Storage: year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	GRGDSPK 2TFA(111119-28-9(free base)) (EMD 56574) is an inhibitory peptide for RGD-mediated adhesion between integrin and extracellular matrix molecules.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (52.98 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0595 mL	5.2977 mL	10.5954 mL
5 mM	0.2119 mL	1.0595 mL	2.1191 mL
10 mM	0.106 mL	0.5298 mL	1.0595 mL
50 mM	0.0212 mL	0.106 mL	0.2119 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

- Sessions B R , Aston K I , Davis A P , et al. Effects of amino acid substitutions in and around the arginine-glycine-aspartic acid (RGD) sequence on fertilization and parthenogenetic development in mature bovine oocytes[J]. Molecular Reproduction and Development, 2006, 73(5):651-657.
- Hatakeyama J , Hatakeyama Y , Takahashi I , et al. Proliferation and adhesion of periodontal ligament cells on synthetic biominerals[J]. International Congress Series, 2005, 1284:328-329.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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