

## GFOGER peptide

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2375674-47-6  |
| Formula:          | C <sub>29</sub> H <sub>46</sub> N <sub>10</sub> O <sub>9</sub>  |
| Molecular Weight: | 678.75  |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |

## Biological Description

|               |  |
|---------------|--|
| Description   | GFOGER peptide is an integrin ligand peptide for $\alpha 2\beta 1$ , $\alpha 1\beta 1$ , and $\alpha 11\beta 1$ . It is recognized through direct interaction with integrins at its Glu and Arg residues, particularly binding to Glu via the metal ion-dependent adhesion site (MIDAS). |
| Targets(IC50) | Integrin   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 1.4733 mL | 7.3665 mL | 14.733 mL |
| 5 mM  | 0.2947 mL | 1.4733 mL | 2.9466 mL |
| 10 mM | 0.1473 mL | 0.7366 mL | 1.4733 mL |
| 50 mM | 0.0295 mL | 0.1473 mL | 0.2947 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**

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