


## Product datasheet

# RGD (Arg-Gly-Asp), sequence involved in cell adhesion ab142698

[7 References](#) [1 Image](#)

### Overview

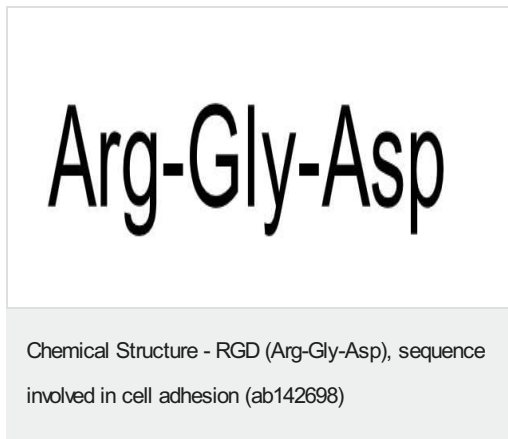
<b>Product name</b>	RGD (Arg-Gly-Asp), sequence involved in cell adhesion
<b>Description</b>	Primary sequence involved in cell adhesion
<b>Biological description</b>	Primary sequence involved with the binding of proteins to cell surfaces. Promotes cell adhesion. Found in many integrin ligands. Strong affinity and selectivity to the alpha(V)beta(3) integrin receptors.
<b>Purity</b>	> 95%
<b>CAS Number</b>	99896-85-2
<b>Chemical structure</b>	

### Properties

<b>Molecular weight</b>	346.34
<b>Molecular formula</b>	C <sub>12</sub> H <sub>22</sub> N <sub>6</sub> O <sub>6</sub>
<b>Sequence</b>	RGD
<b>PubChem identifier</b>	104802
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 10 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	<chem>C(CC(C(=O)NCC(=O)NC(CC(=O)O)C(=O)O)N)CN=C(N)N</chem>
<b>Source</b>	Synthetic

## Images

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2D chemical structure image of ab142698, RGD (Arg-Gly-Asp), sequence involved in cell adhesion

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