

DATASHEET

Version: 2016-08-18

Gly-Arg-Gly-Asp-Asn-Pro**Cat. No.:** RP10847**Size:** 1 mg**Alias:** GRGDNP; GLY-ARG-GLY-ASP-ASN-PRO**Description:**

G-R-G-D-N-P is a superior inhibitor of cell attachment to fibronectin and a weak inhibitor of cell attachment to vitronectin. It also inhibits binding of fibrinogen, fibronectin, vitronectin and von Willebrand factor to platelets and resists to carboxypeptidases. G-R-G-D-N-P induces apoptosis in various cell types and cell lines at 1mM by a mechanism involving cellular uptake and possible direct stimulation of procaspase-3 autoprocesing. It contains the motif RGD (Arg-Gly-Asp) which is found in many integrin ligands. G-R-G-D-N-P inhibits cell adhesion to fibronectin 80-90% at 1 mM.

Cas No: 114681-65-1**Sequence (one-letter code):**

GRGDNP

Sequence (three-letter code):

{GLY}{ARG}{GLY}{ASP}{ASN}{PRO}

Formula: C₂₃H₃₈N₁₀O₁₀**Molecular Weight:** 614.6**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

