RGD peptide

Integrin ligand

Induces apoptosis in various cell types and cell lines at 1mM by a mechanism involving cellular uptake and possible direct stimulation of procaspase-3 autoprocessing. Does not induce apoptosis in the breast cancer line MCF-7, in which there is a functional deletion of the procaspase-3 gene. Contains the motif RGD (Arg-Gly-Asp) which is found in many integrin ligands. Inhibits cell adhesion of COS-7 cells to fibronectin 80-90% at 1mM.

Citations: 14 View Online »

Ordering Information Order Online »

BML-P700-0005	5mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	GRGDNP
Appearance	Solid.
CAS	114681-65-1
Formulation	Lyophilized.
MW	614.6
Purity	≥97% (HPLC)
Sequence	Gly-Arg-Gly-Asp-Asn-Pro
Solubility	Soluble in water (>50mg/ml).

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