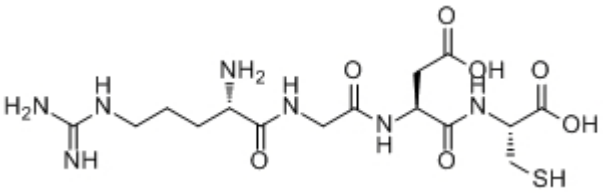
For research purposes only, not for human use

Product Data Sheet

R-G-D-C

Catalog #	Source	Reactivity	Applications
CCP1402	Synthetic		

Description	Peptide to R-G-D-C
Biological Description	Surfaces modified with RGDC were shown to be effective for osteoblast binding and proliferation. RGDC binds via its sulfhydryl moiety to gold particles and gold-coated implants increasing the biocompatibility of the latter. The surface of titanium implant
Form	Lyophilized powder
CAS Number	109292-46-8
Molecular Formula	C15H27N7O7S
Molecular Weight	449.48
Purity	> 95%
Chemical Structure	H - Arg - Gly - Asp - Cys - OH
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.
Structure	



Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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