
Product Data Sheet

Product Name: Arg-Gly-Asp-Cys TFA

Cat. No.: GC62085

Chemical Properties

Cas. No. 2171504-22-4

Formula C₁₇H₂₈F₃N₇O₉S M.Wt 563.51Solubility Water : 250 mg/mL
(443.65 mM) Storage Store at -20°C, protect from light, stored under nitrogen

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Arg-Gly-Asp-Cys TFA is the binding motif of fibronectin to cell adhesion molecules. Arg-Gly-Asp-Cys TFA can inhibit platelet aggregation and fibrinogen binding[1].

Arg-Gly-Asp-Cys-functionalized chitosan (0.25-1 mg/mL; 2-7 days) favors cell growth and an increase in cellular proliferation compared to the control cells (viability >140%) [1]. Arg-Gly-Asp-Cys-functionalizes chitosan derivatives exhibit in vitro wound healing properties by enhancing fibroblast proliferation and adhesion[1].

[1]. Patrulea V, et, al. Peptide-decorated chitosan derivatives enhance fibroblast adhesion and proliferation in wound healing. Carbohydr Polym. 2016 May 20;142:114-23.

Caution: Product has not been fully validated for medical applications. For research use only.

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