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**Product Data Sheet**

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Product Name: Cyclo(-Arg-Gly-Asp-D-Phe-Val)

Cat. No.: GA24079

**Chemical Properties**

Cas. No. 137813-35-5

Formula M.Wt 574.64

Solubility Storage &lt; -15°C

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**

c(RGDfV) is a potent inhibitor of cell adhesion. It inhibited tumor cell adhesion to laminin and vitronectin substrates. In vivo investigations in rats provided the first evidence of its utility in the amelioration of ischemic acute renal failure. c(RGDfV) inhibited tubular obstruction by preventing cell-cell adhesion. Hammes et al. showed that the cyclopeptide can also be used to prevent retinal neovascularization. c(RGDfV) binds to  $\alpha v \beta 3$  receptors.

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

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