
Product Data Sheet

Product Name: $\alpha 2\beta 1$ Integrin Ligand Peptide

Cat. No.: GC37975

Chemical Properties

Cas. No. 134580-64-6

Formula $C_{14}H_{22}N_4O_9$ M.Wt 390.35Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

$\alpha 2\beta 1$ Integrin Ligand Peptide interacts with the $\alpha 2\beta 1$ integrin receptor on the cell membrane and mediates extracellular signals into cells. It is a potential antagonist of collagen receptors[1].

[1]. Graham KL, et al. Effects on rotavirus cell binding and infection of monomeric and polymeric peptides containing alpha2beta1 and alphaxbeta2 integrin ligand sequences. J Virol. 2004 Nov;78(21):11786-97.

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

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