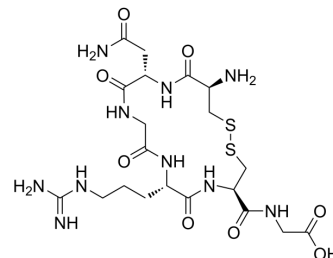


Aminopeptidase N Ligand (CD13) NGR peptide

Cat. No.:	HY-P4205
CAS No.:	760947-20-4
Molecular Formula:	C ₂₀ H ₃₄ N ₁₀ O ₈ S ₂
Molecular Weight:	606.68
Sequence:	Cys-Asn-Gly-Arg-Cys-Gly (Disulfide bridge: Cys1-Cys5)
Sequence Shortening:	CNGRCG (Disulfide bridge: Cys1-Cys5)
Target:	Aminopeptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aminopeptidase N Ligand (CD13) NGR peptide is a polypeptide targeting CD13 and can be used as a carrier to mediate intracellular transmission. Aminopeptidase N Ligand (CD13) NGR peptide is often used in cancer research ^{[1][2]} .
IC ₅₀ & Target	CD13

REFERENCES

- [1]. Liu C, et al. Enhanced gene transfection efficiency in CD13-positive vascular endothelial cells with targeted poly(lactic acid)-poly(ethylene glycol) nanoparticles through caveolae-mediated endocytosis. *J Control Release*. 2011 Apr 30;151(2):162-75.
- [2]. Curnis F, et al. Enhancement of tumor necrosis factor alpha antitumor immunotherapeutic properties by targeted delivery to aminopeptidase N (CD13). *Nat Biotechnol*. 2000 Nov;18(11):1185-90.

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

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