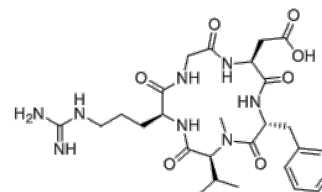


Product Name : Cilengitide
Cat. No. : PC-73164
CAS No. : 188968-51-6
Molecular Formula : C₂₇H₄₀N₈O₇
Molecular Weight : 588.666
Target : Integrin
Solubility :



Biological Activity

Cilengitide (EMD 121974) is a potent, selective, cyclic Arg-Gly-Asp peptide inhibitor of integrins $\alpha\beta 3$ and $\alpha\beta 5$ with IC₅₀ 4.1 and 70 nM, respectively.

Cilengitide increases endothelial monolayer permeability, exhibits antiangiogenic activity.

Cilengitide synergizes with radioimmunotherapy to increase efficacy and apoptosis in breast cancer xenografts.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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