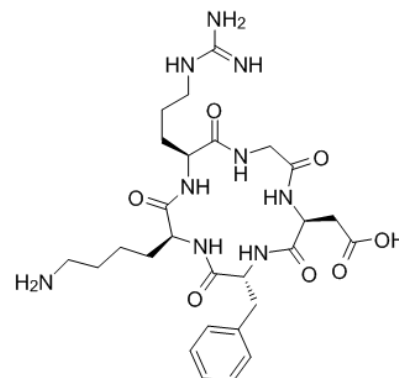


**Product Name** : Cyclo(RGDfK)  
**Cat. No.** : PC-47465  
**CAS No.** : 161552-03-0  
**Molecular Formula** : C<sub>27</sub>H<sub>41</sub>N<sub>9</sub>O<sub>7</sub>  
**Molecular Weight** : 603.6705  
**Target** : Integrin  
**Solubility** : DMSO: ≥150 mg/mL



## Biological Activity

Cyclo(RGDfK) is a RGD peptide, potent and selective **αvβ3 integrin** inhibitor with K<sub>d</sub> of 41.7 nM.

Cyclo(RGDfK) shows strong inhibitory effect on the proliferation of T-24 cells.

Cyclo(RGDfK) induces less tumor progression, less tumor metabolic activity, fewer intratumoral vessels in mice model.

## References

Sancey L, et al. *Mol Ther.* 2009, 17(5), 837-843.

Zhou D, et al. *J Control Release.* 2013, 169(3), 204-210.

Vilchis-Juarez A, et al. *J Biomed Nanotechnol.* 2014 Mar;10(3):393-404.

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

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