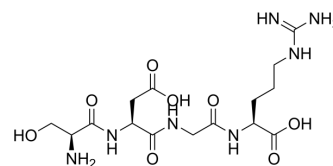


## SDGR

Cat. No.:	HY-P3520
CAS No.:	97461-82-0
Molecular Formula:	C <sub>15</sub> H <sub>27</sub> N <sub>7</sub> O <sub>8</sub>
Molecular Weight:	433.42
Sequence Shortening:	SDGR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	SDGR is a Ser-Asp-Gly-Arg tetrapeptide sequence that effectively inhibits fibronectin-mediated cell attachment <sup>[1]</sup>
In Vitro	SDGR (0-500 µg/mL) can inhibit spreading of BHK cells or chick embryo fibroblasts on human spreading factor (vitronectin)-coated substrates and chick embryo fibroblasts are more sensitive to SDGR inhibition. Meanwhile, it can inhibit spreading of them on laminin(50 µg/mL)-coated substrates <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Yamada KM, et al. Peptide inhibitors of fibronectin, laminin, and other adhesion molecules: unique and shared features. J Cell Physiol. 1987 Jan;130(1):21-8.

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

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