

## Batifiban

Cat. No.:	HY-125053
CAS No.:	710312-77-9
Molecular Formula:	C <sub>34</sub> H <sub>47</sub> N <sub>11</sub> O <sub>9</sub> S <sub>2</sub>
Molecular Weight:	817.94
Sequence:	{Mpa}-Cys-Arg-Gly-Asp-Trp-Pro-Cys-NH <sub>2</sub> (Disulfide bridge: Mpa1-Cys7)
Sequence Shortening:	{Mpa}-RGDWPC-NH <sub>2</sub> (Disulfide bridge: Mpa1-Cys7)
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Batifiban, a cyclic peptide, is a platelet glycoprotein GP $\alpha$ b/ $\alpha$ a antagonist, and inhibits platelet aggregation. Batifiban blocks circulating vitronectin binding to integrin  $\alpha$ v $\beta$ 3, Batifiban can be used for research of acute coronary syndromes<sup>[1]</sup>.

### REFERENCES

[1]. Chen H, et al. Safety, pharmacokinetic and pharmacodynamic studies of batifiban injection following single- and multiple-dose administration to healthy Chinese subjects. J Huazhong Univ Sci Technolog Med Sci. 2009 Feb;29(1):12-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA