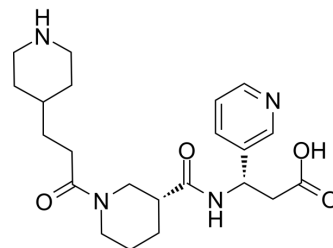


Elarofiban

Cat. No.:	HY-10315
CAS No.:	198958-88-2
Molecular Formula:	C ₂₂ H ₃₂ N ₄ O ₄
Molecular Weight:	416.51
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Elarofiban (RWJ-53308) is a nonpeptide, orally active antagonist for fibrinogen receptor $\alpha_{IIb}\beta_3$ (GPIIb/IIIa), with an IC₅₀ of 0.15 nM. Elarofiban has the potential for platelet mediated thrombotic disorders research^[1].

REFERENCES

- [1]. Judith H. Cohen, et al. A Practical Synthesis of the Platelet Fibrinogen Antagonist, Elarofiban. Organic Process Research & Development 2003, 7, 866-872.
- [2]. De Corte BL, et al., Piperidine-containing beta-arylpropionic acids as potent antagonists of $\alpha_v\beta_3/\alpha_v\beta_5$ integrins. Bioorg Med Chem Lett. 2004 Oct 18;14(20):5227-32.

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

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