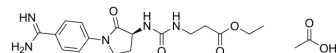


## Orbofiban acetate

Cat. No.:	HY-10304A
CAS No.:	163250-91-7
Molecular Formula:	C <sub>19</sub> H <sub>27</sub> N <sub>5</sub> O <sub>6</sub>
Molecular Weight:	421.45
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 150 mg/mL (355.91 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.3728 mL	11.8638 mL	23.7276 mL
5 mM	0.4746 mL	2.3728 mL	4.7455 mL
10 mM	0.2373 mL	1.1864 mL	2.3728 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

**Description** Orbofiban acetate is an orally active platelet GPIIb/IIIa antagonist that inhibits platelet aggregation.

**IC<sub>50</sub> & Target** GPIIb/IIIa

### REFERENCES

[1]. Nicholson NS, Abood NA, Panzer-Knodle SG, et al. Orbofiban: an orally active GPIIb/IIIa platelet receptor antagonist. Med Res Rev. 2001;21(3):211-226.

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

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