



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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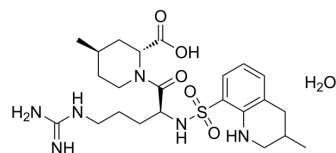
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## Argatroban monohydrate (Standard)

Cat. No.:	HY-B0375AR
CAS No.:	141396-28-3
Molecular Formula:	C <sub>23</sub> H <sub>38</sub> N <sub>6</sub> O <sub>6</sub> S
Molecular Weight:	526.65
Target:	Thrombin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Argatroban (monohydrate) (Standard) is the analytical standard of Argatroban (monohydrate). This product is intended for research and analytical applications. Argatroban (monohydrate) (MD-805 (monohydrate)) is a direct, selective thrombin inhibitor.
IC <sub>50</sub> & Target	Thrombin <sup>[1]</sup> .

### REFERENCES

- [1]. Kawada, T., et al., Argatroban, an attractive anticoagulant, for left heart bypass with centrifugal pump for repair of traumatic aortic rupture. *Jpn J Thorac Cardiovasc Surg*, 1999. 47(3): p. 104-9.
- [2]. Jang, I.K., et al., A multicenter, randomized study of argatroban versus heparin as adjunct to tissue plasminogen activator (TPA) in acute myocardial infarction: myocardial infarction with novastan and TPA (MINT) study. *J Am Coll Cardiol*, 1999. 33(7): p. 1879-85.
- [3]. Hashimoto M, et al. Suppression of argatroban-induced endogenous thrombolysis by PKSI-527, and antibodies to TPA and UPA, evaluated in a rat arterial thrombolysis model. *Thromb Haemost.* 2003 May;89(5):820-5.
- [4]. Lopez M, et al. Influence of renal and hepatic failure on the pharmacokinetics of argatroban: an experimental study in rats. *Seminars in thrombosis and hemostasis*. 2008, 34(S 01): 103-107.

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

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