

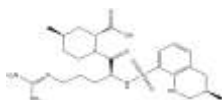
**PRODUCT: Argatroban**

**ALTERNATE NAME:** (2R,4R)-1-[(2S)-5-(diaminomethylideneamino)-2-[[[(3R)-3-methyl-1,2,3,4-tetrahydroquinolin-8-yl]sulfonylamino]pentanoyl]-4-methyl-piperidine-2-carboxylic acid

**CATALOG #:** 9670-10, 50

**AMOUNT:** 10 mg, 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>23</sub>H<sub>36</sub>N<sub>6</sub>O<sub>5</sub>S

**MOLECULAR WEIGHT:** 508.64

**CAS NUMBER:** 141396-28-3

**APPEARANCE:** Off-white solid

**SOLUBILITY:** DMSO (>30 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** Argatroban is a potent competitive thrombin inhibitor ( $K_i = 19$  nM) that displays anticoagulant activity. Active *in vivo*.

**REFERENCES:** Jang, I.K., *et al.* (1990). *Circulation* **81**, 219-225

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

PPACK, dihydrochloride (**Cat. No. 1848**)

Prothrombin, Human Plasma (**7684**)

Thrombin Activity Fluorometric assay Kit (**K373**)

Thrombin, Active, Bovine Plasma (**High Activity**) (**7592**)

Thrombin, Active, Bovine Plasma (**Technical Grade**) (**7591**)

Thrombin, Active, Human Plasma (**Technical Grade**) (**7593**)

**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**