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_{23}H_{36}N_{6}O_{5}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: Agatroban is a potent competitive thrombin inhibitor (K_i = 19 nM) that displays anticoagulant activity. Active in vivo.


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