

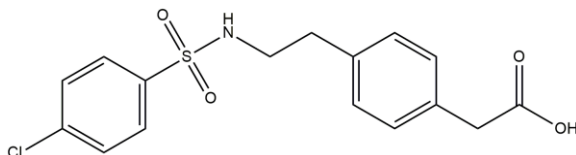
Daltroban

12/19

ALTERNATE NAMES: 2-[4-[2-[(4-chlorophenyl)sulfonylamino]ethyl]phenyl]acetic acid; 4-(2-(4-chlorobenzenesulfonylamino)ethyl)benzeneacetic acid; BM-13505; Daltrobanum; SKF 96148

CATALOG #: B2957-1 1 mg
B2957-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₆ClNO₄S

MOLECULAR WEIGHT: 353.82

CAS NUMBER: 79094-20-5

APPEARANCE: Yellow powder

PURITY: 98%

SOLUBILITY: 22 mg/ml in DMSO

DESCRIPTION: Daltroban is an antagonist of thromboxane A₂ receptor. Daltroban (20 mg/kg per h i.v.) protects the myocardium from ischaemic injury by preventing ischaemia-induced leukocytosis in cats. Infusion (1 mg/kg) of daltroban as a bolus results in a significantly lower necrotic area expressed as a percentage of the myocardial area-at-risk in cats.

STORAGE TEMPERATURE: -20°C. Protect from air. Store under desiccating conditions. Store in the dark. Product is light sensitive.

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

REFERENCES:

1. Thiernemann, C., Ney, P., Schrör, K. The thromboxane receptor antagonist, daltroban, protects the myocardium from ischaemic injury resulting in suppression of leukocytosis. *Eur J Pharmacol.* 155(1-2):57-67 (1988).
2. Viehman, G.E., Ma, X.L., Lefer, A.M. Daltroban, a thromboxane receptor antagonist, protects the myocardium against reperfusion injury following myocardial ischemia without protecting the coronary endothelium. *Methods Find Exp Clin Pharmacol.* 12(10):651-6 (1990).

RELATED PRODUCTS:

E-7046 (Cat. No. B1966)
 ACT-129968 (Cat. No. B2316)
 DuP-697 (Cat. No. B1517)
 Parthenolide (Cat. No. 1868)
 Fevipiprant (Cat. No. B1588)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*