

Sulotroban potassium

Chemical Properties

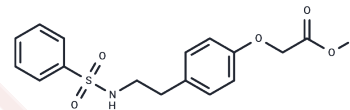
CAS No. :

Formula: C₁₆H₁₆KNO₅S

Molecular Weight: 373.46

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sulotroban potassium is a small molecule thromboxane A ₂ receptor (TXA ₂ R) antagonist that can be used to study myocardial infarction and thrombosis.
Targets(IC ₅₀)	PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6777 mL	13.3883 mL	26.7766 mL
5 mM	0.5355 mL	2.6777 mL	5.3553 mL
10 mM	0.2678 mL	1.3388 mL	2.6777 mL
50 mM	0.0536 mL	0.2678 mL	0.5355 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Stürzebecher S, et al. The PGI₂-analogue iloprost and the TXA₂-receptor antagonist sulotroban synergistically inhibit TXA₂-dependent platelet activation. Prostaglandins. 1988 Dec;36(6):751-60.

Mann WA, et al. Characterization of the renal effects and renal elimination of sulotroban in the dog. J Pharmacol Exp Ther. 1991 Dec;259(3):1231-40.

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