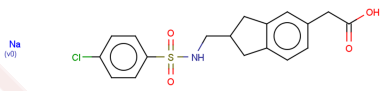
Data Sheet (Cat.No.T29200)

TargetMol

Z-335 sodium

Chemical Properties



CAS No. : 146731-14-8

Formula: C18H18ClNNaO4S

Molecular Weight: 402.84

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	Z-335 Salt, a thromboxane A2 receptor antagonist, is used potentially for the treatment of arterial occlusive disease.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4824 mL	12.4119 mL	24.8238 mL
5 mM	0.4965 mL	2.4824 mL	4.9648 mL
10 mM	0.2482 mL	1.2412 mL	2.4824 mL
50 mM	0.0496 mL	0.2482 mL	0.4965 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

Yoshida M, Sato Y, Shimura T, Ohkubo S, Honma S, Tanaka T, Kurimoto T, Nakahata N. Distinct effects of z-335, a new thromboxane A2 receptor antagonist, on rabbit platelets and aortic smooth muscle. Pharmacology. 2007;79 (1):50-6. PubMed PMID: 17139194.

Kawabata Y, Kamada E, Furuta S, Takei M, Kurimoto T, Okudaira K, Nishigaki R. ATP-dependent transport of a novel thromboxane A2 receptor antagonist, [2-(4-chlorophenylsulfonylaminomethyl)indan-5-yl]acetate (Z-335) and its xenobiotic taurine conjugate (Z-335-Tau) by rat bile canalicular membrane vesicles. Pharm Res. 2004 Mar; 21(3):467-75. PubMed PMID: 15070098.

Matsuno H, Uematsu T, Niwa M, Kozawa O, Nagashima S, Kohno K, Kato H, Kawabata Y, Yoshida Y, Kanamaru M. Pharmacokinetic and pharmacodynamic properties of a new thromboxane receptor antagonist (Z-335) after single and multiple oral administrations to healthy volunteers. J Clin Pharmacol. 2002 Jul;42(7):782-90. PubMed PMID: 12092745.

Kawabata Y, Nakamura H, Kamada E, Furuta S, Shinozaki Y, Kurimoto T, Nishigaki R. Mechanism of hepatobiliary transport of a novel thromboxane A2 receptor antagonist, [2-(4-chlorophenylsulfonylaminomethyl)indan-5-yl] acetate (Z-335), and its xenobiotic taurine conjugate (Z-335-Tau) in rats. J Pharm Sci. 2003 Jan;92(1):67-76. PubMed PMID: 12486683.

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