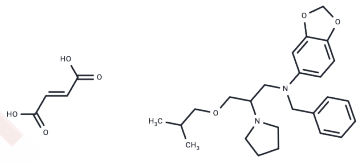
Data Sheet (Cat.No.T26983)

TargetMol

CERM-11956

Chemical Properties



CAS No. : 97631-49-7

Formula: C29H38N2O7

Molecular Weight: 526.62

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	CERM-11956 is a beprudil derivative and an anti-ischemic agent with Ca2+ cardioprotective effects and induces negative inotropic effects.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8989 mL	9.4945 mL	18.989 mL
5 mM	0.3798 mL	1.8989 mL	3.7978 mL
10 mM	0.1899 mL	0.9495 mL	1.8989 mL
50 mM	0.038 mL	0.1899 mL	0.3798 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

Boddeke EW, et al. The anti-ischaemic activity of the novel compound, CERM 11956, compared with that of bepridil and nifedipine in isolated guinea-pig hearts. Eur J Pharmacol. 1988 May 10;149(3):195-203.

Hugtenburg JG, et al. The influence of calcium antagonists on the adenine nucleotide metabolism in the guinea-pig working heart during ischaemia and reperfusion. Naunyn Schmiedebergs Arch Pharmacol. 1991 May;343(5):496-504.

Hugtenburg JG, et al. A comparison of the cardioprotective effects of calcium antagonists from different classes upon ischaemic damage in the guinea-pig working heart. Naunyn Schmiedebergs Arch Pharmacol. 1989 Jul;340(1):126-34.

Boddeke EW, et al. The anti-ischaemic activity of the novel compound, CERM 11956, compared with that of bepridil and nifedipine in isolated guinea-pig hearts. Eur J Pharmacol. 1988 May 10;149(3):195-203.

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