

RE 1492

Chemical Properties

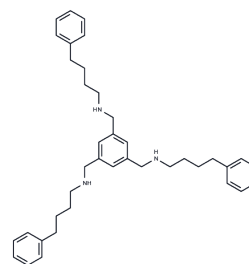
CAS No. : 112169-14-9

Formula: C₃₉H₅₁N₃

Molecular Weight: 561.84

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	RE 1492 is an oligoamine that gives it an antiplatelet effect when combined with antithrombic drugs.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7799 mL	8.8993 mL	17.7987 mL
5 mM	0.356 mL	1.7799 mL	3.5597 mL
10 mM	0.178 mL	0.8899 mL	1.7799 mL
50 mM	0.0356 mL	0.178 mL	0.356 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

Rehse K, Ciborski T. Platelet aggregation inhibiting and anticoagulant effects of oligoamines, XXVI: Antiplatelet and antithrombotic effects of the oligoamine RE 1492 in combination with standard and future antithrombotic drugs. Arch Pharm (Weinheim). 1995 Apr;328(4):333-7. PubMed PMID: 7611829.

Kesselhut A, Ebel H, von Bruchhausen F, Rehse K. Platelet aggregation inhibiting and anticoagulant effects of oligoamines, XXV: Interactions of the oligoamine RE 1492 with biomembranes. Arch Pharm (Weinheim). 1995 Jan; 328(1):21-7. PubMed PMID: 7695469.

Rehse K, Müller S. Platelet aggregation inhibiting and anticoagulant effects of oligoamines, XXIX: Influence of the antithrombotic oligoamine RE 1492 on the storage of red blood cells, morphology, their potassium and ATP content, hemolysis and viability. Arch Pharm (Weinheim). 1995 Apr;328(4):339-42. PubMed PMID: 7611830.

Neumann M, Müller S, Grosse J, Lerche D, Rehse K. Platelet aggregation inhibiting and anticoagulant effects of oligoamines, XXIII: Influence of the oligoamine RE 1492 on the deformability of red blood cells. Arch Pharm (Weinheim). 1994 Aug;327(8):497-501. PubMed PMID: 7944905.

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