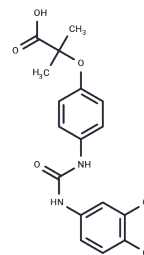


LR 16

Chemical Properties

CAS No. : 117011-50-4
 Formula: C₁₇H₁₆Cl₂N₂O₄
 Molecular Weight: 383.23
 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	LR 16 has potent effects on oxygen affinity of hemoglobin, on blood cholesterol and on low density lipoprotein.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6094 mL	13.047 mL	26.094 mL
5 mM	0.5219 mL	2.6094 mL	5.2188 mL
10 mM	0.2609 mL	1.3047 mL	2.6094 mL
50 mM	0.0522 mL	0.2609 mL	0.5219 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

Lalezari I, Lalezari P, Poyart C, Marden M, Kister J, Bohn B, Fermi G, Perutz MF. New effectors of human hemoglobin: structure and function. *Biochemistry*. 1990 Feb 13;29(6):1515-23. PubMed PMID: 2334712.
 Hawke RL, Chapman JM, Winegar DA, Salisbury JA, Welch RM, Brown A, Franzmann KW, Sigel C. Potent hypocholesterolemic activity of novel ureido phenoxyisobutyrate correlates with their intrinsic fibrate potency and not with their ACAT inhibitory activity. *J Lipid Res*. 1997 Jun;38(6):1189-203. PubMed PMID: 9215547.
 Lalezari I, Rahbar S, Lalezari P, Fermi G, Perutz MF. LR16, a compound with potent effects on the oxygen affinity of hemoglobin, on blood cholesterol, and on low density lipoprotein. *Proc Natl Acad Sci U S A*. 1988 Aug;85(16):6117-21. PubMed PMID: 3413080; PubMed Central PMCID: PMC281916.

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