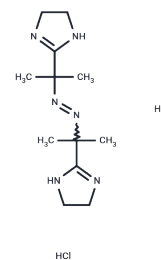


2,2'-Azobis[2-(2-imidazolin-2-yl)propane] dihydrochloride

Chemical Properties

CAS No. :	27776-21-2
Formula:	C ₁₂ H ₂₄ Cl ₂ N ₆
Molecular Weight:	323.27
Storage:	Keep away from direct sunlight, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	2,2'-Azobis[2-(2-imidazolin-2-yl)propane] dihydrochloride dihydrochloride is an azo compound used to study oxidative stress, with cell death induced by AIPH or AAPH proportional to free radical formation. AIPH consumption in rats increased plasma levels of 8-iso-prostaglandin F _{2α} , 7-hydroxycholesterol, and lysophosphatidylcholine, making it useful for kinetic and mechanistic studies on oxidative stress in membranes, lipoproteins, cells, and animal models.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0934 mL	15.4669 mL	30.9339 mL
5 mM	0.6187 mL	3.0934 mL	6.1868 mL
10 mM	0.3093 mL	1.5467 mL	3.0934 mL
50 mM	0.0619 mL	0.3093 mL	0.6187 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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