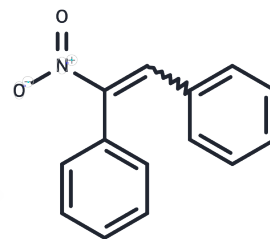


(1-Nitroethene-1,2-diyl)dibenzene

Chemical Properties

CAS No. :	1215-07-2
Formula:	C ₁₄ H ₁₁ NO ₂
Molecular Weight:	225.24
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	(1-Nitroethene-1,2-diyl)dibenzene (alpha-Nitrostilbene; α -Nitrostilbene) serves as an inhibitor of protein arginine methyltransferase 1 (PRMT1; histone H4 methylation assay with an IC ₅₀ of 11 μ M). At concentrations of 10 and 100 μ M, it also inhibits histone H4 methylation caused by PRMT8 but does not affect methylation of histone H3.1 induced by CARM1 or Set7/9.
Targets(IC50)	Others,Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4397 mL	22.1985 mL	44.3971 mL
5 mM	0.8879 mL	4.4397 mL	8.8794 mL
10 mM	0.444 mL	2.2199 mL	4.4397 mL
50 mM	0.0888 mL	0.444 mL	0.8879 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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