

Dichlorobutadiene

Chemical Properties

CAS No. :	28577-62-0
Formula:	C ₄ H ₄ Cl ₂
Molecular Weight:	122.98
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	Dichlorobutadiene can be used in related research in the field of life sciences. Its product number is T31434 and CAS number is 28577-62-0.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.1314 mL	40.657 mL	81.314 mL
5 mM	1.6263 mL	8.1314 mL	16.2628 mL
10 mM	0.8131 mL	4.0657 mL	8.1314 mL
50 mM	0.1626 mL	0.8131 mL	1.6263 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

- Hughes R, Gui L, Gillham RW. Degradation of chlorinated butenes and butadienes in granular iron columns. J Environ Sci Health A Tox Hazard Subst Environ Eng. 2009 Oct;44(12):1209-18. doi: 10.1080/10934520903139837. PubMed PMID: 19847707.
- Adzhibekian AS, Kazarian KO. [Gas chromatographic detection of 2- chlorbutadiene- 1,3 and 2,3- dichlorbutadiene- 1,3 in skin wash-off]. Gig Tr Prof Zabol. 1992;(9-10):34-5. Russian. PubMed PMID: 1305547.
- Gizhlarian MS, Vardanian MV, Khechumov SA. [Effect of dichlorobutadiene on the embryogenesis and reproductive function of female rats]. Zh Eksp Klin Med. 1977;17(1):16-20. Russian. PubMed PMID: 888608.
- Vardanian MV, Gizhlarian MS, Khechumov SA. [Gonadotropic action of dichlorobutadiene in a chronic experiment]. Gig Sanit. 1976 Aug;(8):96-8. Russian. PubMed PMID: 1032980.

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