

Ethyl Red lithium

Chemical Properties

CAS No. :	171051-77-7
Formula:	C17H19LiN3O2
Molecular Weight:	304.3
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Ethyl Red lithium is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2862 mL	16.4312 mL	32.8623 mL
5 mM	0.6572 mL	3.2862 mL	6.5725 mL
10 mM	0.3286 mL	1.6431 mL	3.2862 mL
50 mM	0.0657 mL	0.3286 mL	0.6572 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

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Su C, Hopson R, Williard PG. Mixed aggregates of an alkyl lithium reagent and a chiral lithium amide derived from N-ethyl-O-triisopropylsilyl valinol. *J Am Chem Soc*. 2013 Sep 25;135(38):14367-79. doi: 10.1021/ja406912h. Epub 2013 Sep 17. PubMed PMID: 23980610.

Hofmann A, Migeot M, Arens L, Hanemann T. Investigation of Ternary Mixtures Containing 1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)azanide, Ethylene Carbonate and Lithium Bis(trifluoromethanesulfonyl)azanide. *Int J Mol Sci*. 2016 May 4;17(5). pii: E670. doi: 10.3390/ijms17050670. PubMed PMID: 27153066; PubMed Central PMCID: PMC4881496.

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