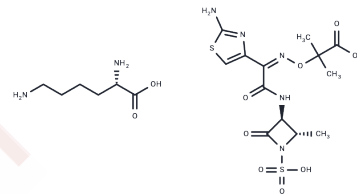


Aztreonam lysine

Chemical Properties

CAS No. :	827611-49-4
Formula:	C ₁₉ H ₃₁ N ₇ O ₁₀ S ₂
Molecular Weight:	581.62
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	Aztreonam lysine is an inhaled anti-pseudomonal treatment for people who have pulmonary Pseudomonas aeruginosa infection with cystic fibrosis (CF).
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7193 mL	8.5967 mL	17.1934 mL
5 mM	0.3439 mL	1.7193 mL	3.4387 mL
10 mM	0.1719 mL	0.8597 mL	1.7193 mL
50 mM	0.0344 mL	0.1719 mL	0.3439 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

- Schechter MS, Trueman D, Farquharson R, Higuchi K, Daines CL. Inhaled aztreonam lysine versus inhaled tobramycin in cystic fibrosis. An economic evaluation. *Ann Am Thorac Soc*. 2015 Jul;12(7):1030-8. doi: 10.1513/AnnalsATS.201312-453OC. PubMed PMID: 26053185.
- Hutchinson D, Barclay M, Prescott WA, Brown J. Inhaled aztreonam lysine: an evidence-based review. *Expert Opin Pharmacother*. 2013 Oct;14(15):2115-24. doi: 10.1517/14656566.2013.831070. Epub 2013 Aug 31. Review. PubMed PMID: 23992352.
- Assael BM, Pressler T, Bilton D, Fayon M, Fischer R, Chiron R, LaRosa M, Knoop C, McElvaney N, Lewis SA, Bresnik M, Montgomery AB, Oermann CM; AZLI Active Comparator Study Group. Inhaled aztreonam lysine vs. inhaled tobramycin in cystic fibrosis: a comparative efficacy trial. *J Cyst Fibros*. 2013 Mar;12(2):130-40. doi: 10.1016/j.jcf.2012.07.006. Epub 2012 Sep 15. PubMed PMID: 22985692.
- Zeitler K, Salvas B, Stevens V, Brown J. Aztreonam lysine for inhalation: new formulation of an old antibiotic. *Am J Health Syst Pharm*. 2012 Jan 15;69(2):107-15. doi: 10.2146/ajhp100624. Review. PubMed PMID: 22215356.

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