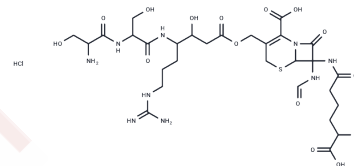


## Antibiotic tan-592B

## Chemical Properties

CAS No. :	99685-75-3
Formula:	C <sub>29</sub> H <sub>47</sub> ClN <sub>10</sub> O <sub>14</sub> S
Molecular Weight:	827.26
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	Antibiotic tan-592B is an antibiotic agent.
Targets(IC50)	Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2088 mL	6.044 mL	12.0881 mL
5 mM	0.2418 mL	1.2088 mL	2.4176 mL
10 mM	0.1209 mL	0.6044 mL	1.2088 mL
50 mM	0.0242 mL	0.1209 mL	0.2418 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

Hicks LA, Bartoces MG, Roberts RM, Suda KJ, Hunkler RJ, Taylor TH Jr, Schrag SJ. US outpatient antibiotic prescribing variation according to geography, patient population, and provider specialty in 2011. *Clin Infect Dis*. 2015 May 1; 60(9):1308-16. doi: 10.1093/cid/civ076. Epub 2015 Mar 5. PubMed PMID: 25747410.

Plantinga NL, Wittekamp BH, van Duijn PJ, Bonten MJ. Fighting antibiotic resistance in the intensive care unit using antibiotics. *Future Microbiol*. 2015;10(3):391-406. doi: 10.2217/fmb.14.146. Review. PubMed PMID: 25812462.

Sandegren L. Selection of antibiotic resistance at very low antibiotic concentrations. *Ups J Med Sci*. 2014 May;119(2):103-7. doi: 10.3109/03009734.2014.904457. Epub 2014 Apr 3. Review. PubMed PMID: 24694026; PubMed Central PMCID: PMC4034545.

Na SY, Oh SH, Kim TH, Yoon JA, Lee IS, Lee JH. Sustained release of antibiotic complexed by multivalent ion: in vitro and in vivo study for the treatment of peritonitis. *Int J Pharm*. 2014 Dec 10;476(1-2):213-22. doi: 10.1016/j.ijpharm.2014.09.054. Epub 2014 Oct 1. PubMed PMID: 25280885.

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