



LKT Laboratories, Inc.

Tazobactam

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID T0298

CAS No. 89786-04-9

Chemical Name (2S,3S,5R)-3-Methyl-7-oxo-3-(1H-1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide

Synonym YTR-830H, CL-298741

Formula $C_{10}H_{12}N_4O_5S$

Formula Wt. 300.29

Melting Point 170-178 °C

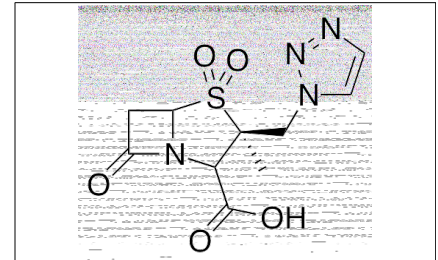
Purity $\geq 98\%$

Solubility water, methanol

Store Temp Ambient

Ship Temp Ambient

Description Tazobactam is a β -lactamase inhibitor that is clinically used to enhance the antibacterial efficacy of β -lactam antibiotics. Tazobactam is especially active against *Enterobacter* and *Staphylococcus*.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T0298	100 mg	\$67.40
T0298	500 mg	\$217.40
T0298	1 g	\$374.60

References Zhanel GG, Chung P, Adam H, et al. Ceftolozane/tazobactam: a novel cephalosporin/ β -lactamase inhibitor combination with activity against multidrug-resistant gram-negative bacilli. *Drugs*. 2014 Jan;74(1):31-51. PMID: 24352909.

Frase H, Smith CA, Toth M, et al. Identification of products of inhibition of GES-2 beta-lactamase by tazobactam by x-ray crystallography and spectrometry. *J Biol Chem*. 2011 Apr 22;286(16):14396-409. PMID: 21345789.

Drawz SM, Bonomo RA. Three decades of beta-lactamase inhibitors. *Clin Microbiol Rev*. 2010 Jan;23(1):160-201. PMID: 20065329.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.