



Product Information

Product ID T0299

CAS No. 89785-84-2

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 sodium salt

Synonym YTR-830, CL-307579

Formula C₁₀H₁₀N₄NaO₅S

Formula Wt. 322.28

Melting Point >170° (dec.)

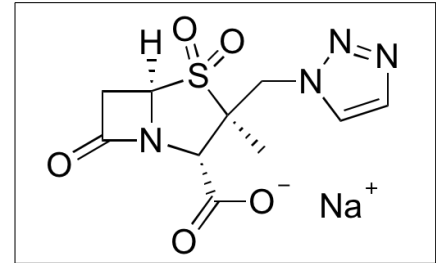
Purity ≥98%

Solubility Soluble in water.

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*.



Bulk quantities available upon request

Product ID	Size
T0299	100 mg
T0299	500 mg
T0299	1 g

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.