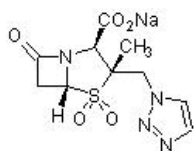


Product datasheet

Tazobactam sodium salt, beta-lactamase inhibitor
ab143702

Overview

Product name	Tazobactam sodium salt, beta-lactamase inhibitor
Description	β-lactamase inhibitor. Antibiotic agent.
Purity	> 99%
CAS Number	89785-84-2
Chemical structure	



Properties

Chemical name	(2 <i>S</i> ,3 <i>S</i> ,5 <i>R</i>)-3-Methyl-7-oxo-3-(1 <i>H</i> -1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide sodium salt
Molecular weight	322.27
Molecular formula	C ₁₀ H ₁₁ N ₄ NaO ₅ S
PubChem identifier	23663400
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	C[C@@@]1([C@@H](N2[C@H](S1(=O)=O)CC2=O)C(=O)[O-])CN3C=CN=N3.[Na+]
Source	Synthetic

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team