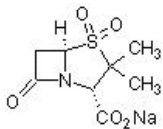


Product datasheet

Sulbactam sodium salt, beta-lactamase inhibitor
ab141973

1 Image

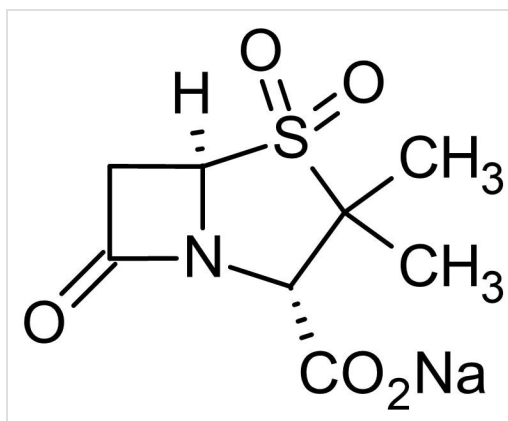
Overview

Product name	Sulbactam sodium salt, beta-lactamase inhibitor
Description	Irreversible β -lactamase inhibitor
Biological description	Irreversible β -lactamase inhibitor (IC_{50} = 0.02 - 1.9 μ M). Increases the activity of β -lactam antibiotics. Active <i>in vitro</i> and <i>in vivo</i> .
Purity	> 98%
CAS Number	69388-84-7
Chemical structure	

Properties

Chemical name	(2S,5R)-3,3-Dimethyl-4,4,7-trioxo-4 ⁶ -thia-1-azabicyclo[3.2.0]heptane-2-carboxylate sodium salt
Molecular weight	255.22
Molecular formula	C ₈ H ₁₀ NNaO ₅ S
PubChem identifier	23663973
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in water
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CC1(C(N2C(S1(=O)=O)CC2=O)C(=O)[O-])C.[Na+]
Source	Synthetic

Images



2D chemical structure image of ab141973, Sulbactam sodium salt, beta-lactamase inhibitor

Chemical Structure - Sulbactam sodium salt, beta-lactamase inhibitor (ab141973)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- 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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