

## Desacetylcefotaxime (potassium salt) Biochemical

Desacetylcefotaxime (potassium salt)

CATALOG #  
**AAA227102**

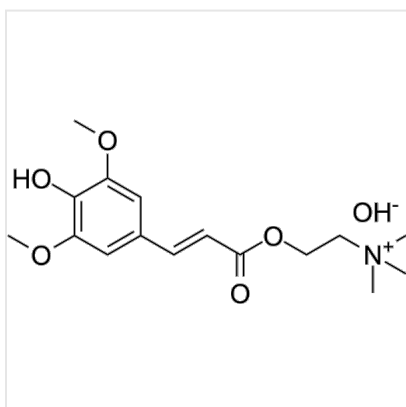
### PRODUCT SYNONYMS

Desacetylcefotaxime (potassium salt); Desacetylcefotaxime (potassium salt) biochemical

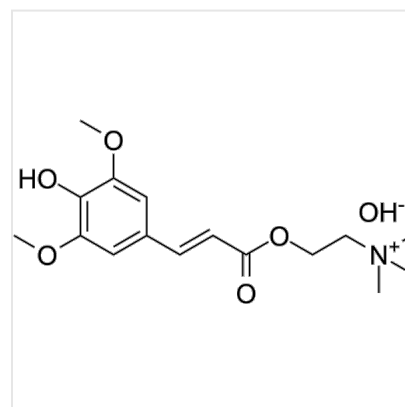
### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                      |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble              |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years |

### IMAGES



Structure  
Sinapine hydroxide, CAS 122-30-5



Structure  
Sinapine hydroxide, CAS 122-30-5

### ADDITIONAL INFORMATION

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| Related Product Information for Desacetylcefotaxime (potassium salt) biochemical | Desacetylcefotaxime is an active metabolite of the cephalosporin antibiotic cefotaxime. It is active against 60 clinical isolates derived from patients with meningitis, including <i>H. influenzae</i> , <i>S. pneumoniae</i> , <i>S. agalactiae</i> , and <i>N. meningitidis</i> (MIC <sub>90</sub> s = 0.008-0.12 ug/ml).                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| References                                                                       | <ol style="list-style-type: none"> <li>1. Boulghobra D, et, al. Sinapine, but not sinapic acid, counteracts mitochondrial oxidative stress in cardiomyocytes. <i>Redox Biol.</i> 2020 Jul;34:101554.</li> <li>2. Li Y, et, al. Sinapine reduces non-alcoholic fatty liver disease in mice by modulating the composition of the gut microbiota. <i>Food Funct.</i> 2019 Jun 19;10(6):3637-3649.</li> <li>3. Guo Y, et, al. Sinapine as an active compound for inhibiting the proliferation of Caco-2 cells via downregulation of P-glycoprotein. <i>Food Chem Toxicol.</i> 2014 May;67:187-92.</li> <li>4. Yates K, et, al. Determination of sinapine in rapeseed pomace extract: Its antioxidant and acetylcholinesterase inhibition properties. <i>Food Chem.</i> 2019 Mar 15;276:768-775.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

