

Desacetylcefotaxime (potassium salt) Biochemical

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CATALOG #
AAA227102

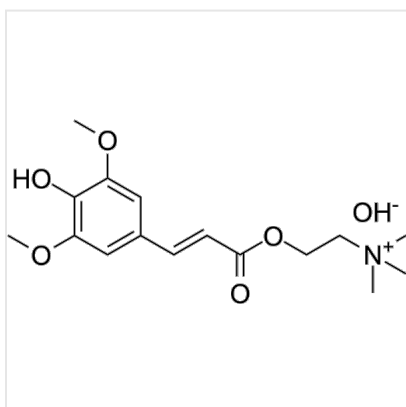
PRODUCT SYNONYMS

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

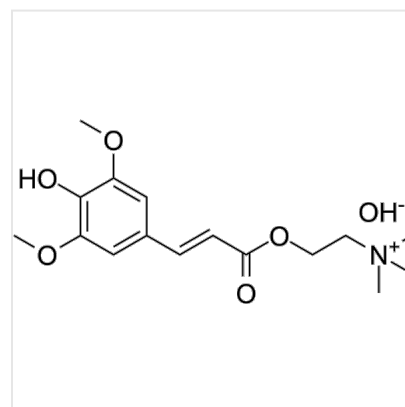
PRODUCT SPECIFICATIONS

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

IMAGES



Structure
Sinapine hydroxide, CAS 122-30-5



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ADDITIONAL INFORMATION

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 ₉₀ s = 0.008-0.12 ug/ml).
References	1. Boulghobra D, et, al. Sinapine, but not sinapic acid, counteracts mitochondrial oxidative stress in cardiomyocytes. <i>Redox Biol.</i> 2020 Jul;34:101554. 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. 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. 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.

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.

