

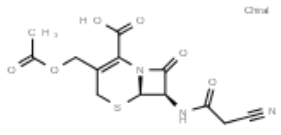
Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC31583
Name	Cefacetrile

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Chemical Properties

CAS	10206-21-0
Formula	C ₁₃ H ₁₃ N ₃ O ₆ S
MW	339.32
Storage	
Structure	 <p>The image shows the chemical structure of Cefacetrile, a cephalosporin antibiotic. It features a central beta-lactam ring fused to a five-membered thiazolidine ring. A chlorine atom is attached to the 2-position of the beta-lactam ring. The 3-position of the beta-lactam ring is substituted with a propionamide group (-NH-CH₂-CH₂-C≡N). The 4-position of the beta-lactam ring is substituted with a 2-(2-chloroacetyl)ethyl group (-CH₂-CH₂-C(=O)-CH₂-Cl). The 5-position of the beta-lactam ring is substituted with a 2-hydroxyacetyl group (-CH₂-C(=O)-OH). The thiazolidine ring has a sulfur atom at the 6-position and a methyl group at the 4-position.</p>
Purity	

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