

Ampicillin-d5 Desoxyazetidin-2-one

Art. ID TRC-A634347-50MG
Unit 50 mg

Description

Application Notes: Ampicillin-d5 Desoxyazetidin-2-one is deuterium labeled Ampicillin Desoxyazetidin-2-one (A634345), which can be used to develop HPLC methods that detect compounds or impurities related to ampicillin in bulk drug. Ampicillin Desoxyazetidin-2-one is a related compound of Ampicillin (A634300), a beta-lactam antibiotic used for treating bacterial infection. Ampicillin interferes with cell wall synthesis in bacteria. // References: Raju, Ch. B. V. N., et al.: Anal Chem : Ind J, 7, 354 (2008)| Fisher, J. F., et al.: Chem. Rev. 105, 395 (2005)| Sill, M. L., et al.: Antimicrob. Agents Chemother. 52, 1551 (2008)| Ivashkiv, E., et al.: Anal. Profiles Drug Subs. 2, 1 (1973)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
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