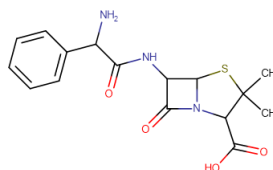


Product Name	: Ampicillin
Synonyms	: Aminobenzylpenicillin; Ampicillin acid; Principen; Amcill; Ampicilline
Cat No.	: M15659
CAS Number	: 69-53-4
Molecular Formula	: C ₁₆ H ₁₉ N ₃ O ₄ S
Formula Weight	: 349.40
Chemical Name	: (2S,5R,6R)-6-[[[(2R)-2-amino-2-phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid
Description	: Ampicillin is an orally active broad-spectrum antibiotic.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: PBPs
Solubility	: DMSO: > 10 mM
SMILES	: <chem>CC1(C(N2C(S1)C(C2=O)NC(=O)C(C3=CC=CC=C3)N)C(=O)O)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Babu E, et al. Jpn J Pharmacol. 2002 Jan;88(1):69-76.