

头孢氨苄杂质系列 QQ: 2682116078

产品名称	Catalog No	CAS号	分子式	化学名称	结构式
头孢氨苄	Catalog No: RKDTB01 Product Name: Cephalexin	23325-78-2	C ₁₆ H ₁₇ N ₃ O ₄ S	(6R,7R)-7-((R)-2-amino-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	 Chemical Formula: C ₁₆ H ₁₇ N ₃ O ₄ S Exact Mass: 347.09398 Molecular Weight: 347.38900
头孢氨苄EP杂质A 头孢克EP洛杂质A	Catalog No: RKDTB02 Product Name: Cephalexin Impurity A(EP) 头孢氨苄杂质A,头孢克洛杂质A	875-74-1	C ₈ H ₉ NO ₂	(R)-2-amino-2-phenylacetic acid	 Chemical Formula: C ₈ H ₉ NO ₂ Exact Mass: 151.06333 Molecular Weight: 151.16500
头孢氨苄EP杂质B	Catalog No: RKDTB03 Product Name: Cephalexin Impurity B(EP)	26395-99-3	C ₈ H ₁₀ N ₂ O ₃ S	(6R,7R)-7-amino-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	 Chemical Formula: C ₈ H ₁₀ N ₂ O ₃ S Exact Mass: 214.04121 Molecular Weight: 214.23900
头孢氨苄EP杂质C	Catalog No: RKDTB04 Product Name: Cephalexin Impurity C(EP)	72528-40-6	C ₂₄ H ₂₄ N ₄ O ₅ S	(6R,7R)-7-((R)-2-((R)-2-amino-2-phenylacetamido)-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	 Chemical Formula: C ₂₄ H ₂₄ N ₄ O ₅ S Exact Mass: 480.14674 Molecular Weight: 480.53900
头孢氨苄EP杂质D	Catalog No: RKDTB05 Product Name: Cephalexin Impurity D(EP)	34876-35-2	C ₅ H ₆ O ₂ S	3-hydroxy-4-methylthiophen-2(5H)-one	 Chemical Formula: C ₅ H ₆ O ₂ S Exact Mass: 130.00885 Molecular Weight: 130.16100
头孢氨苄EP杂质E	Catalog No: RKDTB06 Product Name: Cephalexin Impurity E(EP)	146794-70-9	C ₁₃ H ₁₈ N ₂ O ₄ S	(6R,7R)-3-methyl-8-oxo-7-pivalamido-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	 Chemical Formula: C ₁₃ H ₁₈ N ₂ O ₄ S Exact Mass: 298.09873 Molecular Weight: 298.35700
头孢氨苄EP杂质F	Catalog No: RKDTB07 Product Name: Cephalexin Impurity F(EP)	79750-46-2 (free base)	C ₁₆ H ₁₇ N ₃ O ₄ S	(2R,6R,7R)-7-((R)-2-amino-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylic acid	 Chemical Formula: C ₁₆ H ₁₇ N ₃ O ₄ S Exact Mass: 347.09398 Molecular Weight: 347.38900

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头孢氨苄杂质C2	Catalog No: RKDTB08 Product Name: Cephalexin Impurity C2	NA	C24H24N4O5S	(S)-2-((6R,7R)-7-((R)-2-amino-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxamido)-2-phenylacetic acid	 Chemical Formula: C ₂₄ H ₂₄ N ₄ O ₅ S Exact Mass: 480.14674 Molecular Weight: 480.53900
头孢氨苄氧化杂质1	Catalog No: RKDTB09 Product Name: Cephalexin oxidation Impurity 1	56193-21-6	C16H17N3O5S	(6R,7R)-7-((R)-2-amino-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 5-oxide	 Chemical Formula: C ₁₆ H ₁₇ N ₃ O ₅ S Exact Mass: 363.0889 Molecular Weight: 363.3880
头孢氨苄氧化杂质2	Catalog No: RKDTB10 Product Name: Cephalexin oxidation Impurity 2	56193-21-6	C16H17N3O5S	(6R,7R)-7-((R)-2-amino-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 5-oxide	 Chemical Formula: C ₁₆ H ₁₇ N ₃ O ₅ S Exact Mass: 363.0889 Molecular Weight: 363.3880
头孢氨苄二聚体	Catalog No: RKDTB11 Product Name: Cephalexin Dimer	NA	C32H32N6O7S2	(6R,7R)-7-((R)-2-((6R,7R)-7-((R)-2-amino-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxamido)-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	 Chemical Formula: C ₃₂ H ₃₂ N ₆ O ₇ S ₂ Exact Mass: 676.17739 Molecular Weight: 676.76300
(6R,7S)-头孢氨苄	Catalog No: RKDTB12 Product Name: (6R,7S)-Cephalexin	NA	C16H17N3O4S	(6R,7S)-7-((R)-2-amino-2-phenylacetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	 Chemical Formula: C ₁₆ H ₁₇ N ₃ O ₄ S Exact Mass: 347.09398 Molecular Weight: 347.38900
头孢氨苄二酮哌嗪	Catalog No: RKDTB13 Product Name: Cephalexin Diketopiperazine	59865-11-1	C16H17N3O4S	2-(3,6-dioxo-5-phenylpiperazin-2-yl)-5-methyl-3,6-dihydro-2H-1,3-thiazine-4-carboxylic acid	 Chemical Formula: C ₁₆ H ₁₄ D ₃ N ₃ O ₅ S Exact Mass: 370.13593 Molecular Weight: 370.43451
d5-头孢氨苄水合物	Catalog No: RKDTB14 Product Name: Cephalexin-d5 Hydrate	N/A	C16H14D5N3O5S	(6R,7R)-7-[[[(2R)-2-Amino-2-(phenyl-d5)acetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid Hydrate	 Chemical Formula: C ₁₆ H ₁₁ D ₅ N ₃ O ₅ S Exact Mass: 347.09398 Molecular Weight: 347.38900

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头孢氨苄二酮	Catalog No: RKDTB15 Product Name: Cephalexin Diketone	65870-51-1	C ₁₁ H ₁₁ N ₃ O ₂	3-(aminomethylene)-6-phenylpiperazine-2,5-dione	 <p>Chemical Formula: C₁₁H₁₁N₃O₂ Exact Mass: 217.08513 Molecular Weight: 217.22800</p>
头孢氨苄降解杂质A	Catalog No: RKDTB16 Product Name: Cephalexin Degradation Impurity A	N/A	C ₁₁ H ₁₀ N ₂ O ₃	3-(hydroxymethylene)-6-phenylpiperazine-2,5-dione	 <p>Chemical Formula: C₁₁H₁₀N₂O₃ Exact Mass: 218.06914 Molecular Weight: 218.21200</p>