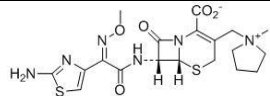
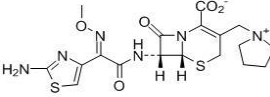
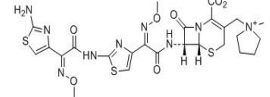
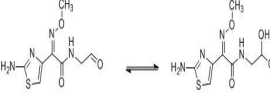
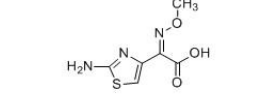
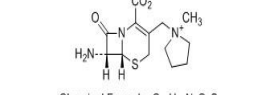
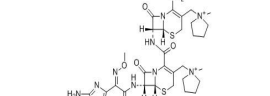


头孢吡肟杂质系列 QQ: 2682116078

产品名称	Catalog No	CAS号	分子式	化学名称	结构式
头孢吡肟	Catalog No: RKDTB1001 Product Name: Cefepime	123171-59-5	C ₁₉ H ₂₄ N ₆ O ₅ S ₂	(6R,7R)-7-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	 Chemical Formula: C ₁₉ H ₂₄ N ₆ O ₅ S ₂ Exact Mass: 480.1250 Molecular Weight: 480.5580
头孢吡肟EP杂质A	Catalog No: RKDTB1002 Product Name: Cefepime Impurity A (EP)	NA	C ₁₉ H ₂₄ N ₆ O ₅ S ₂	(6R,7R)-7-((E)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	 Chemical Formula: C ₁₉ H ₂₄ N ₆ O ₅ S ₂ Exact Mass: 480.1250 Molecular Weight: 480.5580
头孢吡肟EP杂质B	Catalog No: RKDTB1003 Product Name: Cefepime Impurity B(EP)	NA	C ₂₅ H ₂₉ N ₉ O ₇ S ₃	(6R,7R)-7-((Z)-2-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)thiazol-4-yl)-2-(methoxyimino)acetamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	 Chemical Formula: C ₂₅ H ₂₉ N ₉ O ₇ S ₃ Exact Mass: 663.13521 Molecular Weight: 663.74300
头孢吡肟EP杂质C	Catalog No: RKDTB1004 Product Name: Cefepime Impurity C (EP)(1:1 mixture)	NA	C ₈ H ₁₀ N ₄ O ₃ S	(Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)-N-(2-oxoethyl)acetamide	 Chemical Formula: C ₈ H ₁₀ N ₄ O ₃ S Exact Mass: 242.04736 Molecular Weight: 242.25300
头孢吡肟EP杂质D	Catalog No: RKDTB1005 Product Name: Cefepime Impurity D(EP)	65872-41-5	C ₆ H ₇ N ₃ O ₃ S	(Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetic acid	 Chemical Formula: C ₆ H ₇ N ₃ O ₃ S Exact Mass: 201.02081 Molecular Weight: 201.20000
头孢吡肟EP杂质E	Catalog No: RKDTB1006 Product Name: Cefepime Impurity E (EP)	NA	C ₁₃ H ₁₉ N ₃ O ₃ S	(6R,7R)-7-amino-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	 Chemical Formula: C ₁₃ H ₁₉ N ₃ O ₃ S Exact Mass: 297.11471 Molecular Weight: 297.37300
头孢吡肟EP杂质F	Catalog No: RKDTB1007 Product Name: Cefepime Impurity F	NA	C ₃₂ H ₄₂ N ₉ O ₇ S ₃ +	(6R,7R)-7-((6R,7R)-7-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	 Chemical Formula: C ₃₂ H ₄₂ N ₉ O ₇ S ₃ ⁺ Exact Mass: 760.22638 Molecular Weight: 760.92345

头孢吡肟杂质系列 QQ: 2682116078

产品名称	Catalog No	CAS号	分子式	化学名称	结构式
(6R,7S)头孢吡肟	Catalog No: RKDTB1008 Product Name: (6R,7S)- Cefepime	NA	C19H25CIN6O5S2	(6R,7S)-7-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	 Chemical Formula: C ₁₉ H ₂₄ N ₆ O ₅ S ₂ Exact Mass: 480.12496 Molecular Weight: 480.55800
头孢吡肟氧化杂质	Catalog No: RKDTB1009 Product Name: Cefepime Oxide Impurity	NA	C19H24N6O6S2	(6R,7R)-7-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate 5-oxide	 Chemical Formula: C ₁₉ H ₂₄ N ₆ O ₆ S ₂ Exact Mass: 496.11987 Molecular Weight: 496.55700
头孢吡肟杂质B-Δ3异构体	Catalog No: RKDTB1010 Product Name: Δ3-Cefepime Impurity B	NA	C25H30N9O7S3+	1-(((6R,7R)-7-((Z)-2-(2-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)thiazol-4-yl)-2-(methoxyimino)acetamido)-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-en-3-yl)methyl)-1-methylpyrrolidin-1-ium	 Chemical Formula: C ₂₅ H ₃₀ N ₉ O ₇ S ₃ ⁺ Exact Mass: 664.14248 Molecular Weight: 664.75045
d3-头孢吡肟硫酸盐	Catalog No: RKDTB1012 Product Name: Cefepime-d3 Sulfate	N/A	C19H23D3N6O9S3	[6R-[6α,7β(Z)]]-1-[[7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-(methyl-d3)-pyrrolidinium Sulfate	 Chemical Formula: C ₁₉ H ₂₂ D ₃ N ₆ O ₉ S ₃ Exact Mass: 581.11117 Molecular Weight: 581.64831
Δ3-头孢吡肟	Catalog No: RKDTB1013 Product Name: Δ3-Cefepime	NA	C19H24N6O5S2	(6R,7R)-7-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylate	 Chemical Formula: C ₁₉ H ₂₄ N ₆ O ₅ S ₂ Exact Mass: 480.12496 Molecular Weight: 480.55800
头孢吡肟 P1A 杂质	Catalog No: RKDTB1014 Product Name: Cefepime P1A Impurity	N/A	C25H33N7O8S2	(6R,7R)-7-(5-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-5-carboxypentanamido)-3-((1-methylpyrrolidin-1-ium-1-yl)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	 Chemical Formula: C ₂₅ H ₃₃ N ₇ O ₈ S ₂ Exact Mass: 623.18320 Molecular Weight: 623.70000