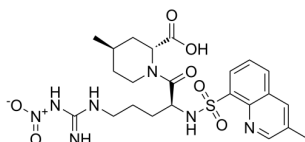


Certificate of Analysis

Compound Information

Product Name:	(2R,4R)-1-[(2S)-5-[[Imino(nitroamino)methyl]amino]-2- [[(3-methyl-8-quinolinyl)sulfonyl]amino]-1-oxopentyl]-4-methyl-2-piperidinecarboxylic Acid (Afatinib Impurity)
Cat. No.:	1234808
CAS No.:	74874-10-5
Molecular Formula:	C ₂₃ H ₃₁ N ₇ O ₇ S
Molecular Weight:	549.60
Chemical Structure:	



Batch Information

Batch No.:	Lg02d3323
Storage:	Store at room temperature
Test Date:	2023-02-21
Retest Date:	2028-02-20
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai