

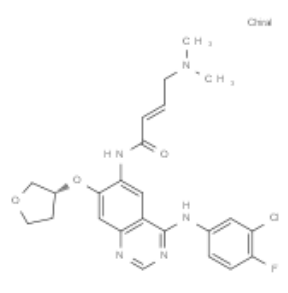
Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC72749
Name	(R)-Afatinib

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Chemical Properties

CAS	439081-17-1
Formula	C ₂₄ H ₂₅ CLFN ₅ O ₃
MW	485.94
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of (R)-Afatinib is shown. It features a central pyrimidopyrimidine core. One nitrogen atom in the core is substituted with a 4-chlorophenyl group. Another nitrogen atom is substituted with a 2-(3,4-difluorophenyl)amino group. A third nitrogen atom is substituted with a 2-(2-(3,4-difluorophenyl)amino)acrylamide group. The fourth nitrogen atom is substituted with a 2-(2-(3,4-difluorophenyl)amino)acrylamide group. The core is also substituted with a 2-(3,4-difluorophenyl)amino group and a 2-(3,4-difluorophenyl)amino group. The structure is labeled with 'CH₃' and 'Cl' and 'F' atoms.</p>
Purity	>98%

Website:
www.dcchemicals.com