

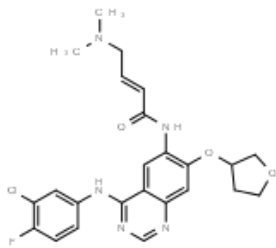
## Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC22612
Name	Afatinib

**Tel:** +86-21-58447131  
**Fax:** +86-21-61642470

**Email:**  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	850140-72-6
Formula	C <sub>24</sub> H <sub>25</sub> CLFN <sub>5</sub> O <sub>3</sub>
MW	485.9384
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Afatinib is shown. It features a central pyridine ring substituted with a chlorine atom and a morpholine ring. This pyridine ring is connected via an amine bridge to a benzene ring, which is further substituted with a chlorine and a fluorine atom. The benzene ring is also linked to a propene chain that terminates in a dimethylamino group.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com