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## Product Datasheet

### **Afatinib, CAS [[850140-72-6]]** **ENZ-ENZ-CHM158-0005**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Afatinib, CAS [[850140-72-6]]                                                                                                                                                                                                                                 |
| Biozol Catalog Number      | ENZ-ENZ-CHM158-0005                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | ENZ-CHM158-0005                                                                                                                                                                                                                                               |
| Alternative Catalog Number | ENZ-ENZ-CHM158-0005-5                                                                                                                                                                                                                                         |
| Manufacturer               | Enzo Life Sciences                                                                                                                                                                                                                                            |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Product Description        | Afatinib is an irreversible kinase inhibitor and binds to the kinase domains of EGFR (ErbB1), HER2 (ErbB2), and HER4 (ErbB4) to inhibit tyrosine kinase autophosphorylation. This results in a downregulation of ErbB signaling and subsequent inhibition ... |
| Molecular Weight           | 485.9                                                                                                                                                                                                                                                         |
| Purity                     | 95% (HPLC)                                                                                                                                                                                                                                                    |
| CAS Number                 | [850140-72-6]                                                                                                                                                                                                                                                 |
| Formula                    | C <sub>24</sub> H <sub>25</sub> ClFN <sub>5</sub> O <sub>3</sub>                                                                                                                                                                                              |
| Target                     | EGFR, ErbB-2, ErbB-4                                                                                                                                                                                                                                          |