

## Afatinib (BIBW2992)

Catalog No: #S2303

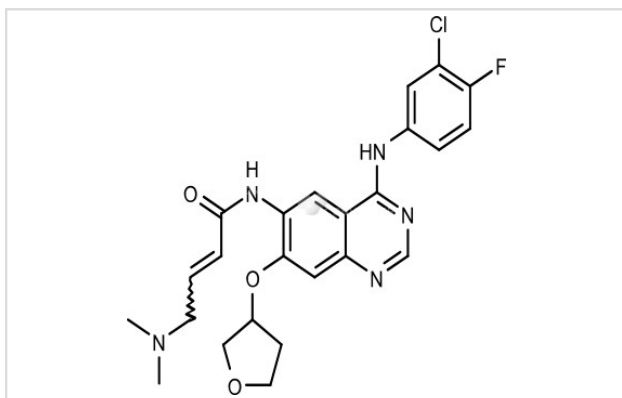
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## Description

Product Name	Afatinib (BIBW2992)
Brief Description	Inhibitors
Purification	99.50%
Target Name	EGFR inhibitor; HER inhibitor
Calculated MW	485.94
Formulation	C24H25ClFN5O3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

## Research

Area: Cancer  
 SMILES: CN(C)C/C=C/C(=O)NC1=C(C=C2C(=C1)C(=NC=N2)NC3=CC(=C(C=C3)F)Cl)O[C@H]4CCOC4  
 Pathways: Angiogenesis; JAK/STAT signaling; Tyrosine Kinase/Adaptors/Receptor: EGFR (L858R); EGFR (L858R/T790M); EGFR (wt); HER2  
 Boiling pt: Melting pt: Solubility: Ethanol: 15 mg/mL (30.86 mM); DMSO: 97 mg/mL (199.61 mM)  
 Appearance: White Powder  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Prim N, et al. Rev Pneumol Clin. 2014 Oct;70(5):279-85.

Note: This product is for in vitro research use only