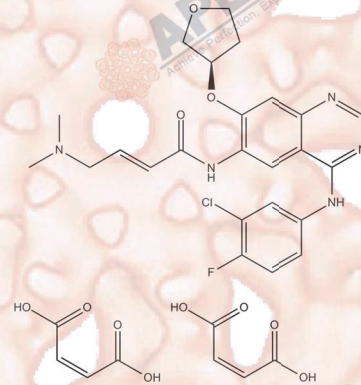


# Product Data Sheet

## Afatinib dimaleate

<b>Cat. No.:</b>	A3145
<b>CAS No.:</b>	850140-73-7
<b>Formula:</b>	C32H33CIFN5O11
<b>M.Wt:</b>	718.08
<b>Synonyms:</b>	BIBW 2992MA2;BIBW-2992;BIBW2992;BIBW 2992;Afatinib
<b>Target:</b>	Tyrosine Kinase
<b>Pathway:</b>	HER2
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥35.9 mg/mL in DMSO, ≥6.39 mg/mL in EtOH with ultrasonic and warming, ≥147.2 mg/mL in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	1.3926 mL	6.9630 mL	13.9260 mL
		5 mM	0.2785 mL	1.3926 mL	2.7852 mL
		10 mM	0.1393 mL	0.6963 mL	1.3926 mL

Please refer to the solubility information to select the appropriate solvent

### Biological Activity

Shortsummary	EGFR inhibitor	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	Applications:	

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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