

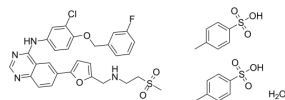
## Lapatinib (ditosylate monohydrate)

Cat. No.: HY-50898B  
 CAS No.: 388082-78-8  
 Batch No.: 129792  
 Chemical Name: 4-Quinazolinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-[5-[[[2-(methylsulfonyl)ethyl]amino]methyl]-2-furanyl]-, 4-methylbenzenesulfonate, hydrate (2:4:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{43}H_{44}ClFN_4O_{11}S_3$   
 Molecular Weight: 943.48  
 Storage: 4°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.78%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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