

Lapatinib

Catalog No: #S0078

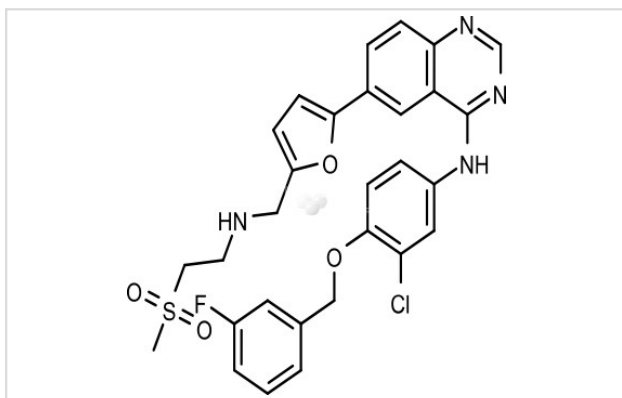
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Description

Product Name	Lapatinib
Brief Description	Inhibitors
Purification	99.00%
Target Name	EGFR inhibitor; Raf inhibitor; Src inhibitor
Calculated MW	581.06
Formulation	C29H26ClFN4O4S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: CS(=O)(=O)CCNCC1=CC=C(O1)C1=CC2=C(C=C1)N=CN=C2NC1=CC(Cl)=C(OCC2=CC(F)=CC=C2)C=C1
 Pathways: Angiogenesis; MAPK; JAK/STAT signaling; Tyrosine Kinase/Adaptors Receptor: EGFR; HER2/ErbB2; HER2/ErbB2; C-Raf-1; c-Src
 Boiling pt: 750.737°C
 Melting pt: 750.737°C
 Solubility: DMSO: 100 mg/mL (172.09 mM)
 Appearance: Faint Yellow 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. Rusnak DW, et al. Mol Y Ther, 2001, 1(2), 85-94.

Note: This product is for in vitro research use only