

Lapatinib ditosylate monohydrate

Catalog No: #S0078L

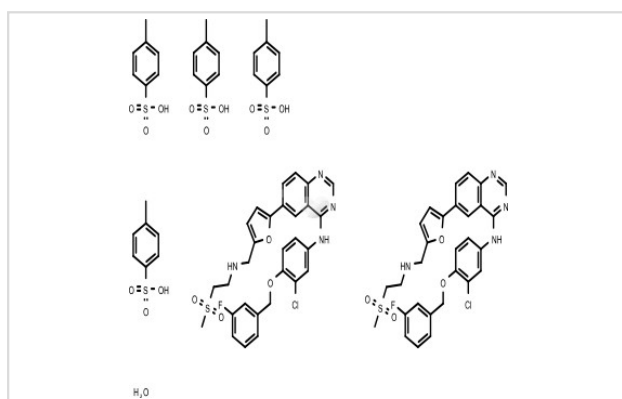
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Description

Product Name	Lapatinib ditosylate monohydrate
Brief Description	Inhibitors
Purification	98.00%
Target Name	EGFR inhibitor
Calculated MW	943.47
Formulation	C ₂₉ H ₂₆ ClFN ₄ O ₄ S ₂ (C ₇ H ₈ O ₃ S)H ₂ O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: O.CC1=CC=C(C=C1)S(O)(=O)=O.CC1=CC=C(C=C1)S(O)(=O)=O.CC1=CC=C(C=C1)S(O)(=O)=O.CC1=CC=C(C=C1)S(O)(=O)=O.CS(=O)(=O)CCNCC1=CC=C(O)C1=CC2=C(C=C1)N=CN=C2NC1=CC(Cl)=C(OCC2=CC(F)=CC=C2)C=C1.CS(=O)(=O)CCNCC1=CC=C(O)C1=CC2=C(C=C1)N=CN=C2NC1=CC(Cl)=C(OCC2=CC(F)=CC=C2)C=C1
 Pathways: Angiogenesis; JAK/STAT signaling; Tyrosine

Kinase/Adaptors Receptor: EGFR; HER2/ErbB2
 Boling pt: 750.7
 Melting pt: 237-239
 Solubility: Soluble in DMSO
 Appearance: Colorless or Faint Yellow
 Crystal 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 month.

References

1. Rusnak DW, et al. Mol Y Ther, 2001, 1(2), 85-94.

Note: This product is for in vitro research use only