

Sorafenib tosylate

Catalog No: #S0093

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Description

Product Name	Sorafenib tosylate
Brief Description	Inhibitors
Purification	99.00%
Target Name	c-Kit inhibitor; FGFR inhibitor; FLT inhibitor; PDGFR inhibitor; Raf inhibitor; VEGFR inhibitor
Calculated MW	637.03
Formulation	C21H16ClF3N4O3C7H8O3S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Product Description

Research Area: Cancer

SMILES: CC1=CC=C(C=C1)S(O)(=O)=O.CNC(=O)C1=NC=CC(OC2=CC=C(NC(=O)NC3=CC(=C(Cl)C=C3)C(F)(F)C=C2)=C1

Pathways: Angiogenesis; MAPK; Tyrosine Kinase/Adaptors

Receptor: c-Kit; FGFR1; FLT3; mPDGFRβ; PDGFRβ; B-Raf; B-Raf (V599E); Raf-1; VEGFR2; VEGFR2/Flk1

Boiling pt:

Melting pt: 523.3°C

Solubility: Water: 0.01 mg/mL (0.01 mM); DMSO: 127 mg/mL (199.36 mM)

Appearance: White Crystalline 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. Wilhelm SM, et al. *Y Res*, 2004, 64(19), 7099-7109.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.