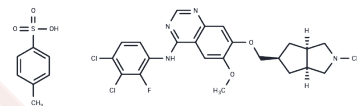


Tesevatinib tosylate

Chemical Properties

CAS No. :	1000599-06-3
Formula:	C ₃₁ H ₃₃ Cl ₂ FN ₄ O ₅ S
Molecular Weight:	663.59
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Tesevatinib tosylate (XL-647 tosylate) is an orally administered epidermal growth factor receptor (EGFR) inhibitor that can cross the blood-brain barrier. It significantly reduces cell viability with IC ₅₀ values of 11 nM and 102 nM in GBM12 and GBM6, respectively. Additionally, Tesevatinib tosylate inhibits HER2 (IC ₅₀ =16.1 nM), VEGFR2 (IC ₅₀ =1.5 nM), and Src (IC ₅₀ =10.3 nM), demonstrating antitumor activity by inhibiting tumor proliferation.
Targets(IC ₅₀)	EGFR,Src,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.507 mL	7.5348 mL	15.0695 mL
5 mM	0.3014 mL	1.507 mL	3.0139 mL
10 mM	0.1507 mL	0.7535 mL	1.507 mL
50 mM	0.0301 mL	0.1507 mL	0.3014 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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