

LIG48

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	LIG48 is an inhibitor of the ROS1 kinase domain and its mutant form (G2032R ROS1 kinase domain). It effectively inhibits both mutant and wild-type ROS1 kinase domains and is applicable to non-small cell lung cancer research.
Targets(IC50)	ROS Kinase
In vitro	LIG48 exhibits the highest binding affinity to the wild-type ROS1 at -9.272 kcal/mol, and has a binding affinity of -8.9 kcal/mol for the G2032R mutant ROS1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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