

Multi-target kinase inhibitor 4

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	Multi-target kinase inhibitor 4 (Compound 2) is a PI3K/DNA-PK inhibitor and a potent chemosensitizer that enhances the number of DNA double-strand breaks induced by Doxorubicin. It serves as an effective multidrug resistance (MDR) inhibitor, demonstrating inhibitory activity against P-glycoprotein (P-gp) mediated drug efflux. Multi-target kinase inhibitor 4 can be encapsulated in PEG-coated lipid nanoparticles.
Targets(IC50)	DNA-PK,P-gp,PI3K

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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