

FGFR-IN-23

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	FGFR-IN-23 (Compound 9p) is a covalent pan-FGFR inhibitor with IC50 values of 14 nM, 4.2 nM, 5 nM, and 220 nM for FGFR1, FGFR2, FGFR3, and FGFR4, respectively. It also effectively inhibits gatekeeper gene mutants such as FGFR1V561M and FGFR3V555M. FGFR-IN-23 suppresses FGFR-mediated signaling activation and induces apoptosis. In RT112 xenograft mouse models, FGFR-IN-23 demonstrates significant antitumor efficacy. It is applicable for research in cancer and its drug resistance.
Targets(IC50)	Apoptosis,ERK,FGFR,Akt,p38 MAPK

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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