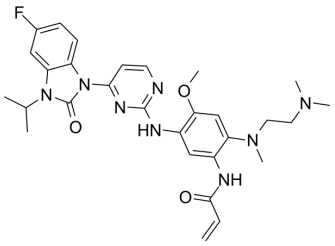
Mutated EGFR-IN-2

Cat. No.:	HY-128860
CAS No.:	2050906-97-1
Molecular Formula:	$C_{29}H_{35}FN_8O_3$
Molecular Weight:	562.64
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mutated EGFR-IN-2 (compound 91) is a mutant-selective EGFR inhibitor extracted from patent WO2017036263A1, which potently inhibits single-mutant EGFR (T790M) and double-mutant EGFR (including L858R/T790M (IC_{50}=≤1nM) and ex19del/T790M), and can suppress activity of single gain-of-function mutant EGFR (including L858R and ex19del) as well. Mutated EGFR-IN-2 shows anti-tumor antivity[1].			
IC_{50} & Target	$EGFR^{T790M}$	$EGFR^{L858R}$	$EGFR^{ex19del}$	EGFR (L858R/T790M) <1 nM (IC_{50})
	EGFR (ex19del/T790M)			

REFERENCES

[1]. 2, 4-di-(nitrogen containing group) substituted pyrimidine compound and preparation method and use thereof.

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