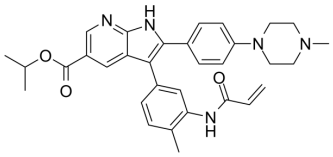
LDC0496

Cat. No.:	HY-146262
CAS No.:	2411874-83-2
Molecular Formula:	$C_{32}H_{35}N_5O_3$
Molecular Weight:	537.65
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	LDC0496 is a potent and selective EGFR inhibitor. LDC0496 possesses intense inhibitory potency toward EGFR and Her2 exon20 insertion mutations, as well as selectivity over wild type EGFR and within the kinome[1].
IC_{50} & Target	IC_{50}: 0.152 ± 0.011 μM in Ba/F3 (EGFR-insNPH), 0.162 ± 0.010 μM in Ba/F3 (Her2-insYVMA), 2.660 ± 0.129 in A431[1]

REFERENCES

[1]. Lategahn J, et al. Insight into Targeting Exon20 Insertion Mutations of the Epidermal Growth Factor Receptor with Wild Type-Sparing Inhibitors. J Med Chem. 2022;65(9):6643-6655.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA