



Product Information

EGFR-HER2 inhibitor Mobocertinib, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ027

Size: 10 mg; 25 mg; 50 mg; 100 mg

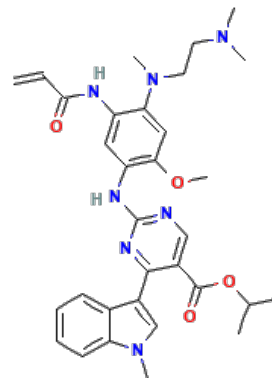
MDL: MFCD32669806

CAS Number: 1847461-43-1

Compound CID: 118607832

Synonym: 1847461-43-1; EGFR-HER2 inhibitor; TAK-788; AP32788

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Mobocertinib is a compound that blocks the activity of the epidermal growth factor receptor (EGFR) and human epidermal growth factor receptor 2 (HER2), both of which are involved in driving the growth and proliferation of certain types of cancer cells.
Molecular Weight	585.7
Molecular Formula	C ₃₂ H ₃₉ N ₇ O ₄
IUPAC Name	Propan-2-yl 2-[4-[2-(dimethylamino)ethyl-methylamino]-2-methoxy-5-(prop-2-enoylamino)anilino]-4-(1-methylindol-3-yl)pyrimidine-5-carboxylate
InChI	InChI=1S/C32H39N7O4/c1-9-29(40)34-24-16-25(28(42-8)17-27(24)38(6)15-14-37(4)5)35-32-33-18-22(31(41)43-20(2)3)30(36-32)23-19-39(7)26-13-11-10-12-21(23)26/h9-13,16-20H,1,14-15H2,2-8H3,(H,34,40)(H,33,35,36)
InChI Key	AZSRSNUQCUDCGG-UHFFFAOYSA-N
Canonical SMILES	<chem>CC(C)OC(=O)C1=CN=C(N=C1C2=CN(C3=CC=CC=C32)C)NC4=C(C=C(C(=C4)NC(=O)C=C)N(C)CCN(C)C)OC</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Mobocertinib is used in studies focusing on its inhibitory activities against EGFR-HER2, aiding in the understanding and treatment optimization of cancers reliant on these pathways.



Storage

Store at -20°C, and keep desiccated.
