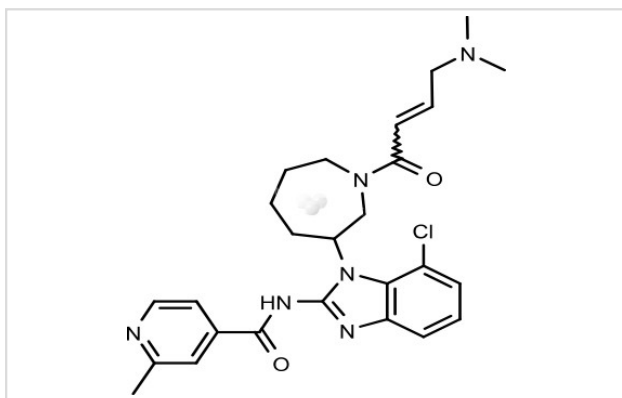


## Description

Product Name	EGF816
Brief Description	Inhibitors
Purification	98.00%
Target Name	EGFR inhibitor
Calculated MW	495.02
Formulation	C26H31ClN6O2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

## Research

Area: Others SMILES: CC1=NC=CC(=C1)C(=O)NC2=NC3=C(N2[C@@H]4CCCCN(C4)C(=O)/C=C/CN(C)C)C(=CC=C3)Cl Pathways: Angiogenesis; JAK/STAT signaling; Tyrosine Kinase/Adaptors Receptor: EGFR (mutant) Boiling pt: Melting pt: Solubility: DMSO: 99 mg/mL (199.99 mM); Ethanol: 99 mg/mL (199.99 mM) Appearance: Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Grald Lelais, et al Discovery of (R,E)-N-(7-Chloro-1-(1-[4-(dimethylamino)but-2-enoyl]azepan-3-yl)-1H-benzo[d]imidazol-2-yl)-2-methylisonicotinamide (EGF816), a Novel, Potent, and WT Sparing Covalent Inhibitor of Oncogenic (L858R, ex19del) and Resistant (T790M) EGFR Mutants for the Treatment of EGFR Mutant Non-Small-Cell Lung Cancers. *J. Med. Chem.*, 2016, 59 (14), pp 6671C6689

Note: This product is for in vitro research use only