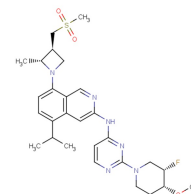


Catalog Number: CM11725

## 产品信息

**Catalog Number:**  
CM11725**CAS号:**  
2660250-10-0**分子式:**  
 $C_{28}H_{37}FN_6O_3S$ **主要靶点:**  
EGFR**主要通路:**  
JAK/STAT信号通路|蛋白酪氨酸激酶|血管生成**分子量:**  
556.7**溶解度:**  
DMSO:100 mg/mL (179.6 mM), ultrasonic and warming and heat to 60°C

## 体外活性

BLU-945 has inhibitory activity against the EGFRm/T790M double and EGFRm/T790M/C797S triple mutants, IC50 value range from 1.2-4.4 nM[2]. BLU-945 (0- 10 mM, 4 h) inhibit EGFR phosphorylation in the EGFR L858R/T790M/C797S, and EGFR ex19del/T790M/C797S mutant cell lines[2].

## 体内活性

BLU-945 (oral, 0-100 mg/kg; bid) shows potent, robust EGFR pathway inhibition and anti-tumor activity in triple-mutant osimertinib-resistant Ba/F3 CDX and PDCX models[2].

## 描述

BLU-945 is a potent, highly selective, reversible and orally active inhibitor of epidermal growth factor receptor (EGFR) tyrosine kinase. BLU-945 can effectively inhibit EGFR with L858R and/or exon 19 deletion mutation, T790M mutation and C797S mutation. BLU-945 can be used for the research of lung cancer including non-small cell lung cancer (NSCLC).

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years