

Catalog	Unit
TBI2147-10MG	10 mg
TBI2147-50MG	50 mg

Product Details

Formal Name: N-[3-Chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-[5-[(2-methylsulfonyl)ethylamino)methyl]-2-furyl]quinazolin-4-amine

Alternate Names: GW-572016

Molecular Formula: C₂₉H₂₆ClFN₄O₄S

Formula Weight: 581.06

CAS Number: 231277-92-2

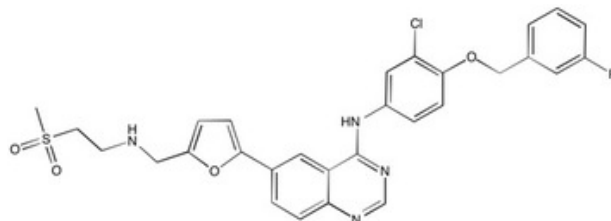
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 200 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

EGFR and HER2 inhibitor

Functions

Potent inhibitor of EGFR kinase (K_i=3 nM), Erb-2 kinase (K_i=13 nM) Erb-4 kinase (K_i=347 nM). Clinically useful agent for treatment of breast cancer. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 200 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.