

Afatinib (BIBW2992)

Cat. No. CEI-0048

Lot. No. (See product label)

Introduction

Description BIBW2992 can inhibit EGFR(WT), EGFR(L858R), EGFR(L858R/T790M), and HER2 with IC50 of 0.5 nM, 0.4 nM, 10 nM and 14 nM.

Synonyms Tomtovok

Product Information

CAS No. 439081-18-2

Molecular Formula C₂₄H₂₅CLFN₅O₃

Chemical Name (S,E)-N-(4-(3-chloro-4-fluorophenylamino)-7-(tetrahydrofuran-3-yloxy)quinazolin-6-yl)-4-(dimethylamino)but-2-enamide

Molecular Weight 485.94

Purity >99%

Targets EGFR(WT), EGFR(L858R), EGFR(L858R/T790M), HER2

Solubility DMSO 97 mg/mL Water

Storage and Shipping Information

Storage 2 years at -20centigrade Powder