Creative Enzymes®

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