Creative Enzymes®

TAK-285

Cat. No. CEI-0934

Lot. No. (See product label)

Introduction

Description	TAK-285 is a novel dual HER2 and EGFR(HER1) inhibitor with IC50 of 17 nM and 23 nM, >10-fold selectivity for HER1/2 than HER4, less potent to MEK1/5, c-Met, Aurora B, Lck, CSK etc. Phase 1.

Product Information

CAS No.	871026-44-7
Molecular Formula	C26H25ClF3N5O3
Chemical Name	N-(2-(4-(3-chloro-4-(3-(trifluoromethyl)phenoxy)phenylamino)-5H-pyrrolo[3,2-d]pyrimidin-5-yl)ethyl)-3-hydroxy-3-methylbutanamide
Molecular Weight	547.96
Targets	HER2, EGFR
IC50	17 nM; 23 nM
Solubility	DMSO 110 mg/mL; Water <1 mg/mL; Ethanol 54 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.