

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.