Creative Enzymes®

AV-412

Cat. No. CEI-1086

Lot. No. (See product label)

Introduction

Description	AV-412 is an orally bioavailable dual kinase inhibitor with potential antineoplastic activity. It binds to and inhibits the epidermal growth factor receptor (EGFR) and the human epidermal growth factor receptor 2 (HER2).
Synonyms	ERBB, ERBB1, HER1, PIG61, Mena

Product Information

CAS No.	451492-95-8
Molecular Formula	C27H28ClFN6O
Chemical Name	N-(4-(3-chloro-4-fluorophenylamino)-7-(3-methyl-3-(4-methylpiperazin-1-yl)but-1-ynyl)quinazolin-6-yl)acrylamide
Molecular Weight	507
Purity	> 95%
Targets	EGFR, HER2
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage	-20 centigrade
Stability	2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO