

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