

CYC-116

Cat. No. CEI-1095

Lot. No. (See product label)

Introduction

Description

CYC116 is an orally active small molecule multi-kinase inhibitor with antineoplastic activity. CYC116 inhibits Aurora kinases A and B and vascular endothelial growth factor receptor 2 (VEGFR2), resulting in disruption of the cell cycle, rapid cell death.

Synonyms

RP5-1167H4.6, AIK, ARK1, AURA, AURORA2, BTAK, PPP1R47, STK15, STK6, STK7

Product Information

CAS No. 693228-63-6

Molecular Formula C₁₈H₂₀N₆O₅

Chemical Name 4-(2-amino-4-methylthiazol-5-yl)-N-(4-morpholinophenyl)pyrimidin-2-amine

Molecular Weight 368.46

Purity > 95%

Targets Aurora kinases A, Aurora kinases B, vascular endothelial growth factor receptor 2 (VEGFR2)

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