Creative Enzymes®

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	C18H20N6OS
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