

## 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** C<sub>18</sub>H<sub>20</sub>N<sub>6</sub>O<sub>5</sub>

**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