Product Name: Atuveciclib  
Cat. No.: PC-60537  
CAS No.: 1414943-88-6  
Molecular Formula: C\textsubscript{18}H\textsubscript{18}FN\textsubscript{5}O\textsubscript{2}S  
Molecular Weight: 387.433  
Target: Cyclin-dependent Kinase (CDK)  

**Biological Activity**

Atuveciclib (BAY-1143572) is a potent, highly selective, orally bioavailable \textbf{CDK9/P-TEFb} inhibitor with IC\textsubscript{50} of 6 nM for CDK9/CyclinT1; displays >150-fold selectivity over CDK1/2/3/5/6/7 (IC\textsubscript{50}>800 nM), also shows submicromolar inhibitory activity against GSK3\textalpha{} (IC\textsubscript{50}=45 nM), GSK3\textbeta{} (IC\textsubscript{50}=87 nM); demonstrates antiproliferative activity against HeLa cells (IC\textsubscript{50}=920 nM) and MOLM-13 cells (IC\textsubscript{50}=310 nM); exhibits anticancer activity in human AML models.

Blood Cancer  
Phase 1 Clinical

**References**


**Caution:** Product has not been fully validated for medical applications. Lab Use Only!  
E-mail: tech@probechem.com