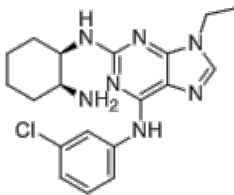


Product Name	: CGP-74514A	
Synonyms	: CGP 74514A; CGP74514A	
Cat No.	: M12989	
CAS Number	: 190653-73-7	
Molecular Formula	: C ₁₉ H ₂₄ ClN ₇	
Formula Weight	: 385.90	
Chemical Name	N ² -((1R,2S)-2-aminocyclohexyl)-N ⁶ -(3-chlorophenyl)-9-ethyl-9H-purine-2,6-diamine	
Description	A potent, dual CDC-like kinase (CLK)/CDK inhibitor with IC ₅₀ of 148, 111, 104, 382 and 573 nM for CLK1, CLK2, CLK4, CDK1 and CDK4, respectively.	
Pathway	Cell Cycle/DNA Damage	
Target	CLK	
Receptor	CLK	
Solubility	—	
SMILES	<chem>CCN1C=NC2=C(N=C(N=C21)NC3CCCCC3N)NC4=CC(=CC=C4)Cl</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

1. Shi Y, et al. Bioorg Med Chem Lett. 2017 Feb 1;27(3):406-412.