Datasheet

Product overview

Name: CGP 74514A
Cat No: HB0186
Short description: Selective CDK1 inhibitor
Biological description: Selective CDK1 inhibitor. Shows anti-tumor activity, induces apoptosis and mitochondrial damage.
Biological action: Inhibitor

Properties

Chemical name: 2-N-(2-aminocyclohexyl)-6-N-(3-chlorophenyl)-9-ethylpurine-2,6-diamine
Molecular Weight: 385.89
Chemical structure:

Molecular Formula: C_{19}H_{24}ClN_{7}
PubChem identifier: 4644095
SMILES: CCN1C=NC2=C1N=O(N=C2NC3=CC(=CC=C3)Cl)NC4CCCCC4N

Storing and Using Your Product

Important: This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

References for CGP 74514A

Induction of apoptosis in human leukemia cells by the CDK1 inhibitor CGP74514A.

PubMedID: 12429924
The cytotoxic effect of emetine and CGP-74514A studied with the hollow fiber model and ArrayScan assay in neuroendocrine tumors in vitro.

PubMedID: 22263790

CDK1 differentially regulates G-overhang generation at leading- and lagging-strand telomeres in telomerase-negative cells in G2 phase.

PubMedID: 22871736