Creative Enzymes®

# P276-00

*Cat. No. CEI-0940*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | p276-00 is a novel CDK1, CDK4 and CDK9 inhibitor with IC50 of 79 nM, 63 nM and 20 nM, respectively. |

## Product Information

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| ***CAS No.*** | 920113-03-7 |
| ***Molecular Formula*** | C21H20ClNO5.HCl |
| ***Chemical Name*** | 4H-1-Benzopyran-4-one, 2-(2-chlorophenyl)-5,7-dihydroxy-8-[(2R,3S)-2-(hydroxymethyl)-1-methyl-3-pyrrolidinyl]-, hydrochloride (1:1) |
| ***Molecular Weight*** | 438.3 |
| ***Targets*** | CDK1, CDK4, CDK9 |
| ***IC50*** | 79 nM; 63 nM; 20 nM |
| ***Solubility*** | DMSO mg/mL; Water mg/mL; Ethanol mg/mL |

## Storage and Shipping Information

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| ***Storage*** | 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO. |