

## Flavopiridol hydrochloride

Cat. No. CEI-0282

Lot. No. (See product label)

### Introduction

**Description** Flavopiridol can inhibit CDK1, CDK2, CDK4 and CDK6 with IC50 of 40 nM for all of them. Flavopiridol also inhibit CDK7 with IC50 of 300 nM.

**Synonyms** L86-8275, NSC649890, HMR1275

### Product Information

**CAS No.** 131740-09-5

**Molecular Formula** C<sub>21</sub>H<sub>20</sub>ClNO<sub>5</sub>.HCl

**Chemical Name** 2-(2-chlorophenyl)-5,7-dihydroxy-8-((3S,4R)-3-hydroxy-1-methylpiperidin-4-yl)-4H-chromen-4-one hydrochloride

**Molecular Weight** 438.3

**Purity** >99%

**Targets** CDK1, CDK2, CDK4, CDK6

**Solubility** DMSO 88 mg/mL, Water

### Storage and Shipping Information

**Storage** 2 years at -20centigrade Powder