

## 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