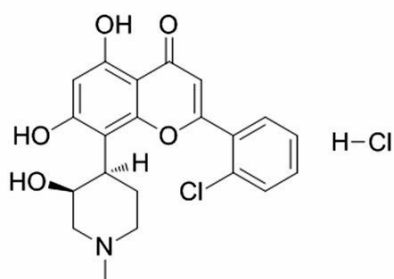


Product Datasheet

Flavopiridol Hydrochloride (orb341697)

| | |
|------------------------|---|
| Description | Flavopiridol hydrochloride competes with ATP to inhibit CDKs including CDK1, CDK2, CDK4 and CDK6 with IC50 of ~ 40 nM. It is 7.5-fold more selective for CDK1/2/4/6 than CDK7. Flavopiridol is initially found to inhibit EGFR and PKA. |
| Note | For research use only |
| Formula | C ₂₁ H ₂₁ Cl ₂ NO ₅ |
| MW | 438.3011 |
| CAS Number | [131740-09-5] |
| SMILES | <chem>C1C=C([H])C([H])=C([H])C([H])=C1C1=C([H])C(C2C(=C([H])C(=C(C=2O1)[C@@]1([H])C([H])([H])C([H])([H])N(C([H])([H])[H])C([H])([H])[C@@]1([H])O[H])O[H])O[H])=O.Cl[H]</chem> |
| Expiration Date | 12 months from date of receipt. |



Chemical structure of Flavopiridol Hydrochloride

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