

Product Information

Casein kinase inhibitor PF-5006739, Purity \geq 98%

Cat. No.: X24-07-ZQ257

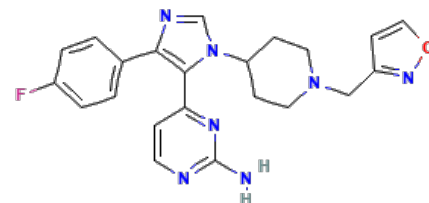
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 1293395-67-1

Compound CID: 51353555

Synonym: 1293395-67-1; Casein kinase inhibitor; PF5006739; PF 5006739

This product is for research use only and is not intended for diagnostic use.



Product Information

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|--------------------------|---|
| Description | PF-5006739 is a potent compound that inhibits Casein kinase activity. It targets CK1 δ . |
| Molecular Weight | 419.45 |
| Molecular Formula | C ₂₂ H ₂₂ FN ₇ O |
| Targets | CK1 δ : 3.9 nM |
| IUPAC Name | 4-[5-(4-Fluorophenyl)-3-[1-(1,2-oxazol-3-ylmethyl)piperidin-4-yl]imidazol-4-yl]pyrimidin-2-amine |
| InChI | InChI=1S/C22H22FN7O/c23-16-3-1-15(2-4-16)20-21(19-5-9-25-22(24)27-19)30(14-26-20)18-6-10-29(11-7-18)13-17-8-12-31-28-17/h1-5,8-9,12,14,18H,6-7,10-11,13H2,(H2,24,25,27) |
| InChI Key | XPWHRQHBPRSUAUW-UHFFFAOYSA-N |
| Canonical SMILES | C1CN(CCC1N2C=NC(=C2C3=NC(=NC=C3)N)C4=CC=C(C=C4)F)CC5=NOC=C5 |
| Form | Lyophilized powder |
| Purity | \geq 98% |
| Identity | Confirmed by NMR/HPLC/MS. |
| Stability | The product is stable for three years when stored at the recommended temperature in lyophilized powder. |
| Quality Level | Research grade |
| Applications | PF-5006739 is a casein kinase inhibitor explored for its role in treating cancer and ensuring cellular homeostasis. |
| Storage | Store at -20°C, and keep desiccated. |