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DATASHEET

PF 670462

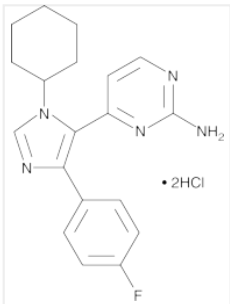
Product overview

Name	PF 670462
Cat No	HB2170
Biological action	Inhibitor
Purity	>99%
Description	Potent, selective CK1ε and CK1δ inhibitor

Solubility & Handling

Storage instructions	room temperature (desiccate)
Solubility overview	Soluble in water (100mM) or DMSO (100mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	4-[1-Cyclohexyl-4-(4-fluorophenyl)-1H-imidazol-5-yl]-2-pyrimidinamine dihydrochloride
Molecular Weight	410.32
Chemical structure	 The chemical structure shows a central imidazole ring substituted with a cyclohexyl group at position 1, a 4-fluorophenyl group at position 4, and a 2-aminopyrimidin-5-yl group at position 5. The structure is shown as a dihydrochloride salt, indicated by "• 2HCl".
Molecular Formula	C ₁₉ H ₂₀ FN ₅ •2HCl
CAS Number	950912-80-8
PubChem identifier	51049607
SMILES	NC1=NC=CC(C2=C(C4=CC=C(F)C=C4)N=CN2C3CCCCC3)=N1.Cl.Cl
InChiKey	PSNKGVAXBSAHCH-UHFFFAOYSA-N