



Product Information

CHF5074

Cat. No.: X23-12-YM271

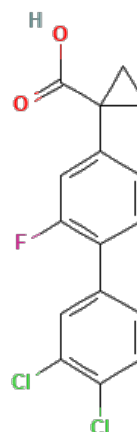
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 749269-83-8

PubChem CID: 9996409

Synonym: 749269-83-8; CSP-1103

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



Product Information

Description	CHF5074, soluble in DMSO and ethanol and insoluble in water, inhibits the activity of proteases, which are enzymes involved in the breakdown of proteins.
Molecular Weight	325.16
Molecular Formula	C ₁₆ H ₁₁ Cl ₂ FO ₂
IUPAC Name	1-[4-(3, 4-Dichlorophenyl)-3-fluorophenyl]cyclopropane-1-carboxylic acid
InChI	InChI=1S/C16H11Cl2FO2/c17-12-4-1-9(7-13(12)18)11-3-2-10(8-14(11)19)16(5-6-16)15(20)21/h1-4, 7-8H, 5-6H2, (H, 20, 21)
InChI Key	LIYLTQQDABNRX-UHFFFAOYSA-N
Canonical SMILES	C1CC1(C2=CC(=C(C=C2)C3=CC(=C(C=C3)Cl)Cl)F)C(=O)O
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 51 mg/mL (156.84 mM); Water: insoluble; Ethanol: 8 mg/mL
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	CHF5074 can be studied for its significant potential to act as an effective antiviral agent to prevent viral infections.
Storage	Store at -20°C, and keep desiccated.