

Product Information

p38-MAPK inhibitor BMS-582949 hydrochloride, Purity \geq 98%

Cat. No.: X23-10-ZQ920

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD30187517

CAS Number: 912806-16-7

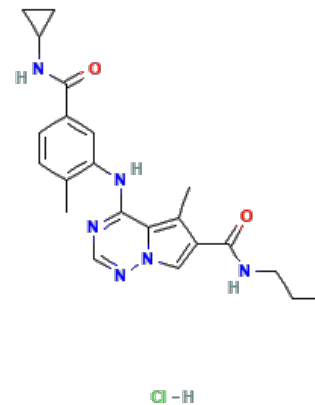
Compound CID: 11848302

Synonym: BMS-582949 hydrochloride; 912806-16-7; BMS-582949 HCl;

BMS-582949 (hydrochloride); Bms582949 HCl; 3Z6GAP3R9Q; 912806-16-7 (HCl);

p38-MAPK inhibitor

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



Product Information

Description	BMS-582949 hydrochloride targets the ATP-binding site of the kinase, thereby preventing phosphorylation of downstream substrates.
Molecular Weight	442.94
Molecular Formula	C ₂₂ H ₂₇ ClN ₆ O ₂
IUPAC Name	4-[5-(Cyclopropylcarbamoyl)-2-methylanilino]-5-methyl-N-propylpyrrolo[2,1-f][1,2,4]triazine-6-carboxamide;hydrochloride
InChI	InChI=1S/C22H26N6O2.ClH/c1-4-9-23-22(30)17-11-28-19(14(17)3)20(24-12-25-28)27-18-10-15(6-5-13(18)2)21(29)26-16-7-8-16;/h5-6,10-12,16H,4,7-9H2,1-3H3,(H,23,30)(H,26,29)(H,24,25,27);1H
InChI Key	BIYQUPNVBIOJIY-UHFFFAOYSA-N
Canonical SMILES	CCCNC(=O)C1=CN2C(=C1C)C(=NC=N2)NC3=C(C=CC(=C3)C(=O)NC4CC4)C.Cl
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.
Applications	BMS-582949 hydrochloride is used in research on p38 MAPK inhibition with potential applications in treating inflammatory disorders.
Storage	Store at -20°C.