

Product Information

p38-MAPK inhibitor MW-150 hydrochloride, Purity ≥98%

Cat. No.: X23-10-ZQ918

Size: 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

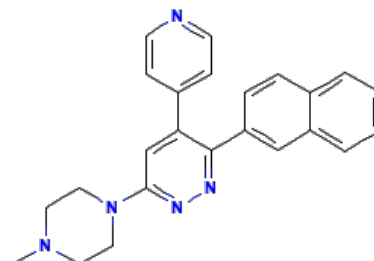
CAS Number: 1923773-01-6

Compound CID: 137704636

Synonym: MW-150 hydrochloride; 1923773-01-6; AKOS040757131; HY-120111A;

CS-0086210; p38-MAPK inhibitor

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



Cl-H

Product Information

Description	MW-150 hydrochloride targets the ATP-binding site of the kinase, thereby preventing phosphorylation of downstream substrates.
Molecular Weight	417.93
Molecular Formula	C ₂₄ H ₂₄ ClN ₅
IUPAC Name	6-(4-Methylpiperazin-1-yl)-3-naphthalen-2-yl-4-pyridin-4-ylpyridazine;hydrochloride
InChI	InChI=1S/C24H23N5.ClH/c1-28-12-14-29(15-13-28)23-17-22(19-8-10-25-11-9-19)24(27-26-23)21-7-6-18-4-2-3-5-20(18)16-21;/h2-11,16-17H,12-15H2,1H3;1H
InChI Key	FQMOEAOQYORXPF-UHFFFAOYSA-N
Canonical SMILES	CN1CCN(CC1)C2=NN=C(C(=C2)C3=CC=NC=C3)C4=CC5=CC=CC=C5C=C4.Cl
Form	Lyophilized powder
Purity	≥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	MW-150 hydrochloride is utilized in neuroinflammatory research targeting p38 MAP kinase inhibition.
Storage	Store at -20°C.