

Product Information

Stat inhibitor HJC0152, Purity ≥98%

Cat. No.: X23-10-ZQ1017

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

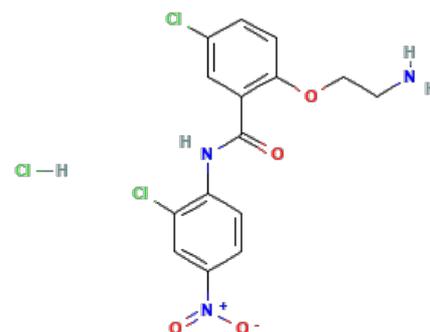
CAS Number: 1420290-99-8

Compound CID: 71719978

Synonym: HJC0152 hydrochloride; HJC0152; 1420290-99-8;

2-(2-Aminoethoxy)-5-chloro-*N*-(2-chloro-4-nitrophenyl)benzamide HCl; 2-(2-Aminoethoxy)-5-chloro-*N*-(2-chloro-4-nitrophenyl)benzamide hydrochloride; Stat inhibitor

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



Product Information

Description	HJC0152, soluble in DMSO and insoluble in ethanol and water, is an inhibitor of STAT activation and signaling activity.
Molecular Weight	406.64
Molecular Formula	C ₁₅ H ₁₃ Cl ₂ N ₃ O ₄ .HCl
IUPAC Name	2-(2-Aminoethoxy)-5-chloro- <i>N</i> -(2-chloro-4-nitrophenyl)benzamide;hydrochloride
InChI	InChI=1S/C15H13Cl2N3O4.ClH/c16-9-1-4-14(24-6-5-18)11(7-9)15(21)19-13-3-2-10(20(22)23)8-12(13)17;/h1-4,7-8H,5-6,18H2,(H,19,21);1H
InChI Key	XRZHL0YBZOONSZ-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=C(C=C1[N+](=O)[O-])Cl)NC(=O)C2=C(C=CC(=C2)Cl)OCCN.Cl
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 84 mg/mL (206.56 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	HJC0152 is employed in research focusing on selective STAT3 inhibition in cancer models.
Storage	Store at -20°C.