

Product Information

Stat inhibitor AC-4-130, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ1018

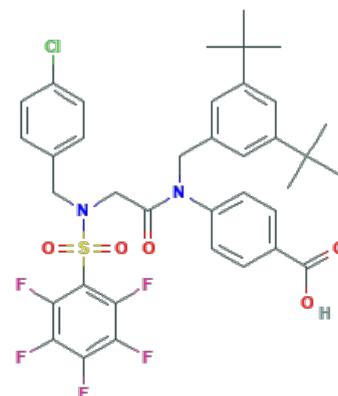
Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 1834571-82-2

Compound CID: 154701370

Synonym: AC-4-130; 1834571-82-2; 4-[[2-[(4-Chlorophenyl)methyl-(2,3,4,5,6-pentafluorophenyl)sulfonylamino]acetyl]-[(3,5-ditert-butylphenyl)methyl]amino]benzoic acid;
Stat inhibitor

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



Product Information

Description	AC-4-130 is an inhibitor of STAT activation and signaling activity.
Molecular Weight	751.206
Molecular Formula	C ₃₇ H ₃₆ ClF ₅ N ₂ O ₅ S
IUPAC Name	4-[[2-[(4-Chlorophenyl)methyl-(2,3,4,5,6-pentafluorophenyl)sulfonylamino]acetyl]-[(3,5-ditert-butylphenyl)methyl]amino]benzoic acid
InChI	InChI=1S/C37H36ClF5N2O5S/c1-36(2,3)24-15-22(16-25(17-24)37(4,5)6)19-45(27-13-9-23(10-14-27)35(47)48)28(46)20-44(18-21-7-11-26(38)12-8-21)51(49,50)34-32(42)30(40)29(39)31(41)33(34)43/h7-17H,18-20H2,1-6H3,(H,47,48)
InChI Key	NMQUSJQZQWKQBL-UHFFFAOYSA-N
Canonical SMILES	CC(C)(C)C1=CC(=CC(=C1)CN(C2=CC=C(C=C2)C(=O)O)C(=O)CN(CC3=CC=C(C=C3)Cl)S(=O)(=O)C4=C(C(=C(C(=C4F)F)F)F)F)C(C)(C)C
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	AC-4-130 can be used in the study of STAT3 inhibition and its impact on cancer proliferation.
Storage	Store at -20°C.