



Product Information

IL receptor inhibitor SC-144, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ588

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

MDL: MFCD25976763

CAS Number: 895158-95-9

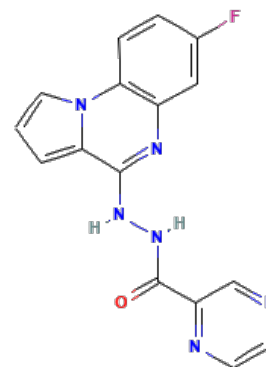
Compound CID: 400169

Synonym: 895158-95-9; SC144;

N'-(7-Fluoropyrrolo[1,2-a]quinoxalin-4-yl)pyrazine-2-carbohydrazide; SC 144; SC-144;

IL receptor inhibitor

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



Product Information

Description	SC-144, soluble in DMSO and insoluble in ethanol and water, blocks the binding of interleukins (cytokines) to their corresponding receptors on the cell surface, thereby inhibiting the downstream signaling pathways. It targets gp130.
Molecular Weight	322.3
Molecular Formula	C ₁₆ H ₁₁ FN ₆ O
Targets	gp130
IUPAC Name	<i>N'</i> -(7-Fluoropyrrolo[1,2-a]quinoxalin-4-yl)pyrazine-2-carbohydrazide
InChI	InChI=1S/C16H11FN6O/c17-10-3-4-13-11(8-10)20-15(14-2-1-7-23(13)14)21-22-16(24)12-9-18-5-6-19-12/h1-9H,(H,20,21)(H,22,24)
InChI Key	UEADAWQSJOWXBK-UHFFFAOYSA-N
Canonical SMILES	C1=CN2C3=C(C=C(C=C3)F)N=C(C2=C1)NNC(=O)C4=NC=CN=C4
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 26 mg/mL (80.67 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	SC-144 can be used for researching its cytotoxic effects in cancer therapy targeting GP130/STAT3 signaling pathways.



Storage

Store at -20°C.
