



Product Information

IFNAR inhibitor AX-024, Purity ≥98%

Cat. No.: X23-10-ZQ651

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

CAS Number: 1370544-73-2

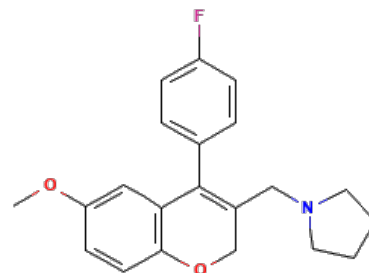
Compound CID: 56949412

Synonym: AX-024; 1370544-73-2;

1-((4-(4-Fluorophenyl)-6-methoxy-2H-chromen-3-yl)methyl)pyrrolidine;

1-[[4-(4-Fluorophenyl)-6-methoxy-2H-chromen-3-yl]methyl]pyrrolidine;

1-[[4-(4-Fluorophenyl)-6-methoxy-2H-chromen-3-yl]methyl]pyrrolidine; AX-024 free base; IFNAR inhibitor



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

Product Information

Description	AX-024 blocks the activity of the IFNAR, which is a critical component of the interferon signaling pathway. It targets IL10, IL17A, and IL6.
Molecular Weight	339.4
Molecular Formula	C ₂₁ H ₂₂ FNO ₂
Targets	IL10; IL17A; IL6
IUPAC Name	1-[[4-(4-Fluorophenyl)-6-methoxy-2H-chromen-3-yl]methyl]pyrrolidine
InChI	InChI=1S/C21H22FNO2/c1-24-18-8-9-20-19(12-18)21(15-4-6-17(22)7-5-15)16(14-25-20)13-23-10-2-3-11-23/h4-9,12H,2-3,10-11,13-14H2,1H3
InChI Key	VMMKGVRPILDZML-UHFFFAOYSA-N
Canonical SMILES	COC1=CC2=C(C=C1)OCC(=C2C3=CC=C(C=C3)F)CN4CCCC4
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	AX-024 is used in research focusing on the inhibition of the NLRP3 inflammasome, relevant in inflammatory and autoimmune disease research.
Storage	Store at -20°C.



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