

Product Name	: JAK3-IN-1
Synonyms	: JAK3-IN-1; JAK3IN1; JAK3 IN 1; JAK3IN-1; JAK3-IN1
Cat No.	: M12759
CAS Number	: 1805787-93-2
Molecular Formula	: C ₂₆ H ₃₀ ClN ₇ O ₂
Formula Weight	: 508.02
Chemical Name	: 2-Propenamide, N-[3-[[[5-chloro-2-[[2-methoxy-4-(4-methyl-1-piperazinyl)phenyl]amino]-4-pyrimidinyl]amino]methyl]phenyl]-
Description	: JAK3-IN-1 is a potent and selective JAK3 inhibitor with IC ₅₀ of 4.8 nM; displays >150 fold selectivity versus JAK1 and JAK2; exhibits decent pharmacokinetic properties and is suitable for use in vivo.
Pathway	: Angiogenesis
Target	: JAK
Receptor	: JAK
Solubility	: DMSO: ≥ 47 mg/mL
SMILES	: <chem>C=CC(NC1=CC=CC(CNC2=NC(NC3=CC=C(N4CCN(C)CC4)C=C3OC)=NC=C2Cl)=C1)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Tan L, et al. J Med Chem. 2015 Aug 27;58(16):6589-606.