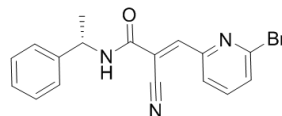


Product Name	: WP1066
Synonyms	: STAT Inhibitor III
Cat No.	: M16217
CAS Number	: 857064-38-1
Molecular Formula	: C ₁₇ H ₁₄ BrN ₃ O
Formula Weight	: 356.22
Chemical Name	: (S,E)-3-(6-bromopyridin-2-yl)-2-cyano-N-(1-phenylethyl)acrylamide
Description	WP1066 is a novel inhibitor of JAK2 and STAT3 with IC ₅₀ of 2.30 μM and 2.43 μM in HEL cells; shows activity to JAK2, STAT3, STAT5, and ERK1/2 not JAK1 and JAK3. Phase 1.
Pathway	: Angiogenesis
Target	: JAK
Receptor	: JAK2; STAT3
Solubility	: DMSO: 71 mg/mL (199.31 mM)
SMILES	: <chem>O=C(N[C@H](C1=CC=CC=C1)C(=CC=CC=C1)C)C(=N)=C/C2=NC(Br)=CC=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Verstovsek S, et al. Clin Y Res, 2008, (3), 788-796.