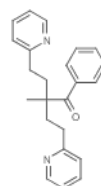


Product Name	: JAK2 Inhibitor V
Synonyms	: NSC 42834; Janus-Associated Kinase Inhibitor V
Cat No.	: M18188
CAS Number	: 195371-52-9
Molecular Formula	: C ₂₃ H ₂₄ N ₂ O
Formula Weight	: 344.45
Chemical Name	: 2-methyl-1-phenyl-4-(pyridin-2-yl)-2-(2-(pyridin-2-yl)ethyl)butan-1-one
Description	: NSC 42834, also known as JAK2 Inhibitor V, is an inhibitor of the autophosphorylation of wild type and V617F mutant forms of JAK2, displaying IC ₅₀ values between 10 and 30 μM.
Pathway	: Others
Target	: Other Targets
Receptor	: JAK2; JAK2 (V617F)
Solubility	: DMSO : ≥ 43 mg/mL; 124.84 mM
SMILES	: <chem>O=C(C(Cc1ccccn1)(Cc1ccccn1)C)c1ccccc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Jacqueline Sayyah, et al. Mol Y Ther 2008; 7(8):2308-18.