

# Product Information

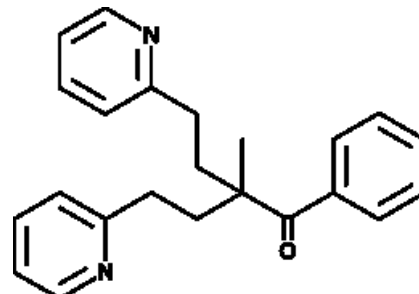


## JAK2 Inhibitor V

Cat No: 17684 - 1 mg

### General Data

Shipping:	dry ice
Formulation:	A solution in ethanol
Purity:	≥95%



### Product Overview

Janus-associated kinases (JAKs) are cytoplasmic tyrosine kinases that are required for activating the signaling of certain cytokines and growth factor receptors. Many myeloproliferative diseases have been linked to a mutation in JAK2 in which a switch from valine to phenylalanine occurs at the 617 position (V617F).{27171} JAK2 Inhibitor V is an inhibitor of the autophosphorylation of wild type and V617F mutant forms of JAK2, displaying IC50 values between 10 and 30  $\mu$ M.{30753} It has no effect on Tyk2 or c-Src kinase function. JAK2 Inhibitor V blocks the proliferation of erythroleukemia cells and human hematopoietic progenitor cells expressing JAK2-V617F.{30753}

FP/19/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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