

## WP1066

Cat. No. CEI-1071

Lot. No. (See product label)

### Introduction

**Description** WP1066 is a novel inhibitor of JAK2 and STAT3 with IC50 of 2.30  $\mu$ M and 2.43  $\mu$ M in HEL cells; shows activity to JAK2, STAT3, STAT5, and ERK1/2 not JAK1 and JAK3.

**Synonyms** JTK10, THCYT3

### Product Information

**CAS No.** 857064-38-1

**Molecular Formula** C17H14BrN3O

**Chemical Name** (S,E)-3-(6-bromopyridin-2-yl)-2-cyano-N-(1-phenylethyl)acrylamide

**Molecular Weight** 356.22

**Purity** 0.9949

**Targets** JAK2, STAT3

**IC50** 2.3  $\mu$ M, 2.43  $\mu$ M

**Solubility** DMSO 72 mg/mL Water <1 mg/mL Ethanol <1 mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder 2 weeks 4centigrade in DMSO 6 months -80centigrade in DMSO