

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 μM and 2.43 μM 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 μM, 2.43 μM

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