Creative Enzymes®

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	99.49%
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 weeks4centigradein DMSO 6 months-80centigradein DMSO