Creative Enzymes®

JAK2 Inhibitor II

Cat. No. CEI-1061

Lot. No. (See product label)

Introduction

Description	A cell-permeable hexabromocyclohexane compound that interacts with a solvent-accessible pocket near the activation loop of JAK2 and acts as a specific, reversible, and direct inhibitor of JAK2 autophosphorylation (maximal inhibition at 50 μM in BSC-40 cells overexpressing JAK2). Reduces growth hormone-mediated JAK2 activation in γ2A cells that stably express growth hormone receptor and JAK2. Does not block EGFR autophosphorylation in murine fibroblasts.
Synonyms	JTK10, THCYT3

Product Information

CAS No.	1837-91-8
Molecular Formula	C6H6Br6
Chemical Name	1,2,3,4,5,6-Hexabromocyclohexane
Molecular Weight	557.5
Purity	> 97% by GC
Targets	JAK2
Solubility	DMSO

Storage and Shipping Information

Storage	+2 centigrade to +8 centigrade