

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 μ M in BSC-40 cells overexpressing JAK2). Reduces growth hormone-mediated JAK2 activation in γ 2A 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