

## 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  $\mu$ M in BSC-40 cells overexpressing JAK2). Reduces growth hormone-mediated JAK2 activation in  $\gamma$ 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** C<sub>6</sub>H<sub>6</sub>Br<sub>6</sub>

**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