

## GW-441756

Cat. No. CEI-0964

Lot. No. (See product label)

### Introduction

#### Description

Potent, selective inhibitor of the NGF receptor tyrosine kinase A (TrkA) (IC<sub>50</sub> = 2 nM). Displays >100-fold selectivity over a range of other kinases. Blocks TrkA-mediated gammaH2AX production and apoptosis in TrkA-overexpressing cells. Cell permeable.

#### Synonyms

1,3-Dihydro-3-[(1-methyl-1H-indol-3-yl)methylene]-2H-pyrrolo[3,2-b]pyridin-2-one

### Product Information

#### Appearance

Orange powder

#### CAS No.

504433-23-2

#### Molecular Formula

C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O

#### Molecular Weight

275.1

#### Purity

98% (TLC: 5% CH<sub>3</sub>OH: CH<sub>2</sub>Cl<sub>2</sub>; R<sub>f</sub>=0.4) mixture of E

#### Targets

NGFR

#### Solubility

May be dissolved in DMSO (25 mg/ml); or Ethanol (100 mg/ml)