

## GW 441756

Catalog No: tcsc1409



### Available Sizes

**Size:** 10mg

**Size:** 50mg



### Specifications

**CAS No:**

504433-23-2

**Formula:**

$C_{17}H_{13}N_3O$

**Pathway:**

Protein Tyrosine Kinase/RTK

**Target:**

Trk Receptor

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 17.5 mg/mL (63.57 mM; Need ultrasonic and warming)

**Observed Molecular Weight:**

275.3

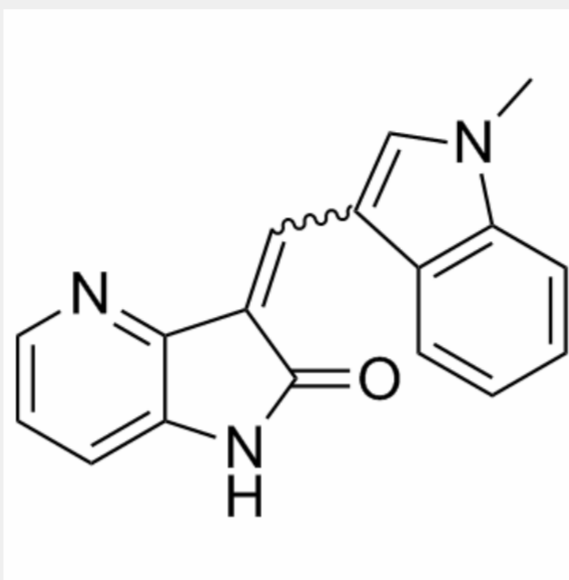
### Product Description

GW 441756 is a specific Tropomyosin-related kinase A (TrkA) inhibitor with an IC50 value of 2 nM; little activity to c-Raf1 and CDK2.

IC50 Value: 2 nM [1]

Target: TrkA

in vitro: GW441756 specifically blocked TrkA-induced cell death in a dose-dependent manner, but there was no effect in uninduced cells. TrkA ability to induce  $\gamma$ H2AX production was significantly downregulated by both K-252a and GW441756 in the absence of DNA damage inducer. In addition, it was also suppressed by K-252a during DNA damage by doxorubicin treatment, but not by GW441756 [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!