

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

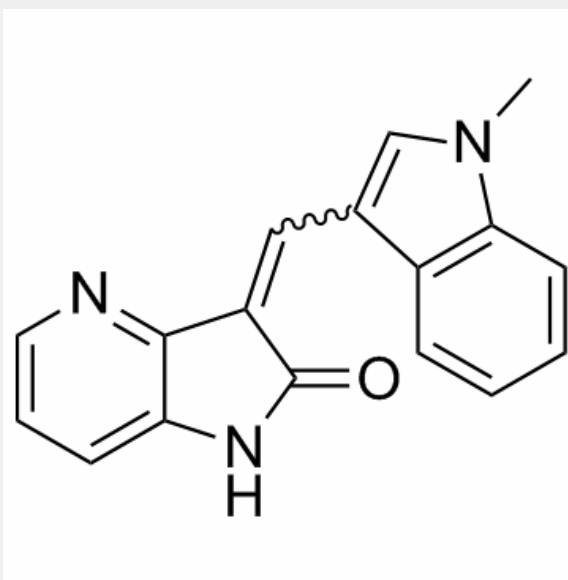
Product Description

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 γ 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!