

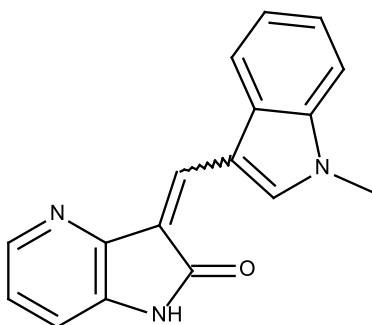
**Catalog # 10-1023**

**GW-441756**

CAS# 504433-23-2

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

Lot # X101004



GW-441756 is a potent and selective TrkA kinase inhibitor ( $IC_{50} = 2$  nM).

- 1) Wood *et al* (2004) *Discovery and in vitro evaluation of potent TrkA kinase inhibitors: oxindole and aza-oxindoles*. *Bioorg.Med.Chem.Lett.* **14** 953
- 2) Takemoto *et al.* (2015) *Neuroprotection elicited by nerve growth factor and brain-derived neurotrophic factor released from astrocytes in response to methyl mercury*; *Environ. Toxicol. Pharmacol.* **40** 199 [Focus Citation]

**PHYSICAL DATA**

Molecular Weight:	275.31
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> N <sub>3</sub> O
Purity:	98% by TLC (5% Methanol/methylene chloride; R <sub>f</sub> = 0.45) NMR: (Conforms)
Solubility:	DMSO (up to 5 mg/ml)
Physical Description:	Orange solid
Storage and Stability:	Store as supplied at room temperature for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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