

GW-441756

Cat. No. CEI-0964

Lot. No. (See product label)

Introduction

Description Potent, selective inhibitor of the NGF receptor tyrosine kinase A (TrkA) ($IC_{50} = 2 \text{ nM}$). 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 C₁₇H₁₃N₃O

Molecular Weight 275.1

Purity 98% (TLC: 5% CH₃OH: CH₂Cl₂; R_f=0.4) mixture of E

Targets NGFR

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