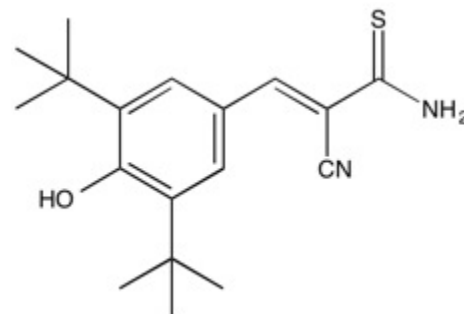


AG-879, NGFR kinase inhibitor

Catalog	Unit
TBI1090-5MG	5 mg
TBI1090-25MG	25 mg

Product Details

Formal Name: 3,5-Di-t-butyl-4-hydroxybenzylidene cyanothioacetamide
Molecular Formula: C₁₈H₂₄N₂OS
Formula Weight: 316.47
CAS Number: 148741-30-4
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).
Storage: -20°C
Stability: ≥ 1 year.



Applications

NGFR kinase inhibitor

Functions

Inhibits NGF-induced neurite growth in PC12 cells via selective inhibition of NGF receptor (pp140c-trk) autophosphorylation (IC₅₀ = 10 μM). No inhibition of EGF, or PDGF receptor phosphorylation at typical working concentrations.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.