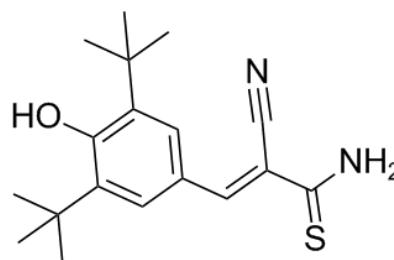


Product Name : Tyrphostin AG 879
Cat. No. : PC-45785
CAS No. : 148741-30-4
Molecular Formula : C₁₈H₂₄N₂OS
Molecular Weight : 316.461
Target : EGFR
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

A potent HER2/ErbB2 inhibitor with IC₅₀ of 1 μM; 100- and 500-fold higher selective to ErbB2 than PDGFR and EGFR; inhibits growth of FET6αS26X cells in a concentration-dependent manner; blocks the activation of PAK1 and suppresses RAS-induced malignant transformation of NIH 3T3 cells; reduces the size of the growing sarcomas in the nude mice carrying v-Ha-RAS transformed NIH 3T3 cells.

References

- Ohmichi M, et al. *Biochemistry*. 1993 May 4;32(17):4650-8.
Zhou Y, et al. *Cancer Res*. 2005 Jul 1;65(13):5848-56.
He H, et al. *Cancer J*, 2001, 7(3), 191-202.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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