
Tyrphostin 8

产品编号: D53925

CAS: 3785-90-8

分子式: C₁₀H₆N₂O

纯度: 98%

InChi Key: InChiKey=FNCOVSWZZVFBQ-UHFFFAOYSA-N

Smiles: N#CC(C#N)=CC1=CC=C(O)C=C1

外观: 固体粉末

作用通路: GPCR/G Protein;Angiogenesis;JAK/STAT signaling;Tyrosine Kinase/Adaptors

作用靶点: GTPase;EGFR

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Tyrphostin 8(4-Hydroxybenzylidenemalononitrile) is a potent GTPase inhibitor that inhibits EGFR kinase with an IC₅₀ of 560 μM. Tyrphostin 8 inhibits protein serine/threonine calmodulin phosphatases (IC₅₀=21 μM), enhances transferrin receptor-mediated transcytosis in Caco-2 cells, and increases the hypoglycemic effect of oral insulin-transferrin. hypoglycemic effect.