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## AG-825

产品编号: D58920

CAS: 149092-50-2

分子式: C<sub>19</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>S<sub>2</sub>

纯度: 98.43%

InChi Key: InChiKey=KXDONFLNGBQLTN-UHFFFAOYSA-N

Smiles: N#CC(=CC=1C=C(OC)C(O)=C(C1)CSC2=NC=3C=CC=CC3S2)C(=O)N

外观: 固体粉末

作用通路: Angiogenesis;JAK/STAT signaling;Tyrosine Kinase/Adaptors;Apoptosis

作用靶点: EGFR;Apoptosis

溶解性: DMSO:200 mg/mL (503.18 mM,Need ultrasonic)

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

产品介绍: AG-825 (Tyrphostin C15) is a selective and competitive ErbB2 inhibitor that inhibits tyrosine phosphorylation with an IC<sub>50</sub> value of 0.35 μM. AG-825 (Tyrphostin C15) inhibits HER2 and shows anticancer activity in a mouse xenograft model of breast cancer. AG-825 (Tyrphostin C15) is a potentially active molecule for overcoming manganese-induced neurotoxicity or the development of Alzheimer's disease, and promotes apoptosis in human neutrophils, which could be used in the study of breast cancer.