**Description:**

Epidermal growth factor receptor (EGFR) kinase inhibitor. Selective for Her2 over Her1 (IC 50 values are 0.15 and 19 µM respectively). Preferentially triggers p38 MAP kinase-dependent apoptosis in androgen-independent prostate cancer cells.

**Physical and Chemical Properties:**

Molecular Formula: C19H15N3O3S2  
Molecular Weight: 397.47  
Physical Appearance: Yellow solid  
Molecular Structure:

![Molecular Structure of Tyrphostin AG 825](image)

**Solubility:** DMSO to 100 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60° C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and stored on the same day.

**References:**


**Storage:** Upon arrival store this product at 4°C. For long term, store the product at -20°C. Product shipped at ambient temperature.