

## AG-490 (Tyrphostin B42)

Catalog No: #S2600

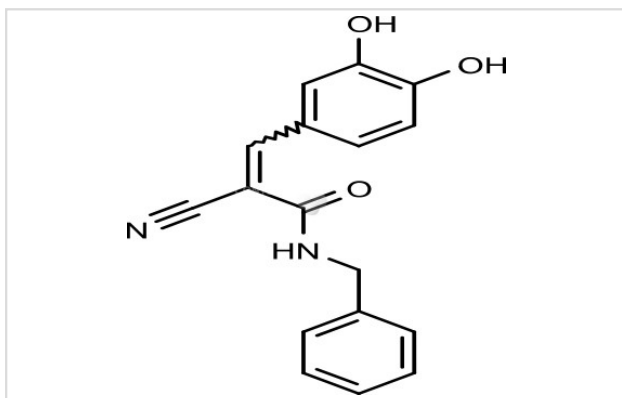
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## Description

Product Name	AG-490 (Tyrphostin B42)
Brief Description	Inhibitors
Purification	98.60%
Target Name	EGFR inhibitor; JAK inhibitor
Calculated MW	294.3
Formulation	C17H14N2O3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Other  
 SMILES: C1=CC=C(C=C1)CNC(=O)C(=C/C2=CC(=C(C=C2)O)O)/C#N  
 Pathways: Angiogenesis; Chromatin/Epigenetic; JAK/STAT signaling; Tyrosine Kinase/Adaptors; Stem Cells  
 Receptor: EGFR; HER2/ErbB2; JAK2  
 Boiling pt: Melting pt: Solubility: Ethanol: 6 mg/mL (20.38 mM); DMSO: 59 mg/mL (200.47 mM)  
 Appearance: Yellow Powder  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Samanta AK, et al. Y Res, 2006, 66(13), 6468-6472.

Note: This product is for in vitro research use only