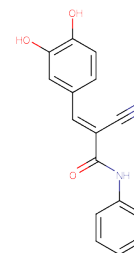


AG-494

Chemical Properties

CAS No. : 133550-35-3
 Formula: C₁₆H₁₂N₂O₃
 Molecular Weight: 280.28
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AG-494 (Tyrphostin B48) is an inhibitor of epidermal growth factor receptor kinase.
Targets(IC50)	EGFR,CDK

Solubility Information

Solubility	Ethanol: 1.4 mg/mL (5 mM), DMSO: 14 mg/mL (50 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5679 mL	17.8393 mL	35.6786 mL
5 mM	0.7136 mL	3.5679 mL	7.1357 mL
10 mM	0.3568 mL	1.7839 mL	3.5679 mL
50 mM	0.0714 mL	0.3568 mL	0.7136 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Gazit, A. et al. Tyrphostins I: Synthesis and biological activity of protein tyrosine kinase inhibitors. Journal of Medicinal Chemistry 32(10), 2344-2352 (1989).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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