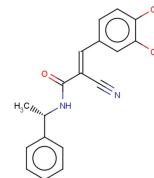


Tyrphostin B44, (+) enantiomer

Chemical Properties

CAS No.:	133550-37-5
Formula:	C ₁₈ H ₁₆ N ₂ O ₃
Molecular Weight:	308.3
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Tyrphostin B44, (+) enantiomer is an inhibitor of epidermal growth factor receptor (EGFR) kinase with IC ₅₀ of 0.86 μM and has less active than the (-) enantiomer.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.244 mL	16.218 mL	32.436 mL
5 mM	0.649 mL	3.244 mL	6.487 mL
10 mM	0.324 mL	1.622 mL	3.244 mL
50 mM	0.065 mL	0.324 mL	0.649 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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