



LKT Laboratories, Inc.

Tyrphostin AG1295

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Product Information

Product ID T9970

CAS No. 70897-07-9

Chemical Name 6,7-Dimethyl-2-phenylquinoxaline

Synonym

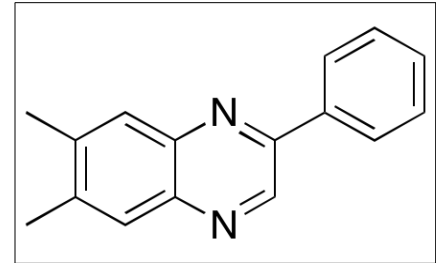
Formula $C_{16}H_{14}N_2$

Formula Wt. 234.30

Melting Point 129-130°C

Purity $\geq 98\%$

Solubility Soluble in DMSO.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T9970	1 mg	\$70.40
T9970	5 mg	\$182.50

Store Temp -20°C

Ship Temp Ambient

Description Tyrphostin AG1295 is an inhibitor of PDGFR that exhibits anti-fibrotic activity. Tyrphostin AG1295 prevents fibroblast cell growth, suppressing proliferative vitreoretinopathy in vivo. This compound also inhibits smooth muscle cell growth, migration, and activation, preventing neointimal formation after vascular balloon injury in other animal models.

References Zheng Y, Ikuno Y, Ohj M, et al. Platelet-derived growth factor receptor kinase inhibitor AG1295 and inhibition of experimental proliferative vitreoretinopathy. *Jpn J Ophthalmol.* 2003 Mar-Apr;47(2):158-65. PMID: 12738549.

Banai S, Wolf Y, Golomb G, et al. PDGF-receptor tyrosine kinase blocker AG1295 selectively attenuates smooth muscle cell growth in vitro and reduces neointimal formation after balloon angioplasty in swine. *Circulation.* 1998 May 19;97(19):1960-9. PMID: 9609090.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.