



Product Information

Product ID T9968

CAS No. 118409-58-8

Chemical Name (3,4,5-Trihydroxybenzylidene)malononitrile

Synonym Tyrphostin 25, RG-50875

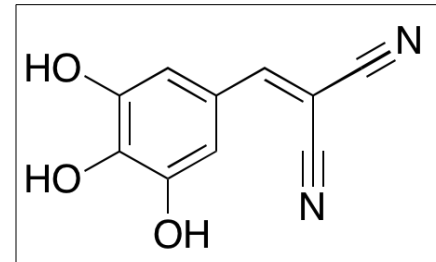
Formula C₁₀H₆N₂O₃

Formula Wt. 202.17

Melting Point 247-248 °C

Purity ≥98%

Solubility Soluble in DMSO or ethanol.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T9968	5 mg	\$84.70
T9968	25 mg	\$290.70

Store Temp 4 °C

Ship Temp Ambient

Description Tyrphostin A25 is an inhibitor of EGFR and other various tyrosine kinases. Tyrphostin A25 also inhibits small conductance Ca²⁺-activated K⁺ (SK) channels. Tyrphostin A25 is used in research models to examine the effects of various tyrosine kinases.

References Wu W, Sun HY, Deng XL, et al. EGFR tyrosine kinase regulates human small-conductance Ca²⁺-activated K⁺ (hSKCa1) channels expressed in HEK-293 cells. *Biochem J.* 2013 May 15;452(1):121-9. PMID: 23496660.

Nguyen J, Gogusev J, Knapnougel P, et al. Protein tyrosine kinase and p38 MAP kinase pathways are involved in stimulation of matrix metalloproteinase-9 by TNF-alpha in human monocytes. *Immunol Lett.* 2006 Jul 15;106(1):34-41. PMID: 16720051.

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