# Tyrphostin 9

## PDGF receptor inhibitor

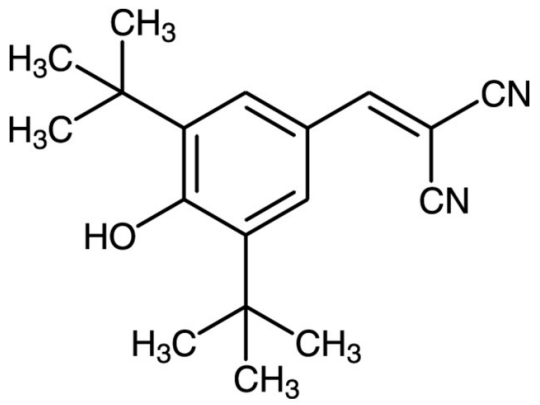
Tyrphostin 9 is a selective inhibitor of the PDGF receptor tyrosine kinase ($IC_{50}$=1.2 μM). It is also a potent (10 nM) uncoupler of oxidative phosphorylation.

**Citations:** 10 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **BML-EI215-0050** | 50mg |
| **BML-EI215-0250** | 250mg |

## Manuals, SDS & CofA View Online »


CH3
H3C
H3C
CN
CN
HO
H3C
CH3
CH3

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Handling** | Store tightly sealed in the dark. Protect from light. |
| **Long Term Storage** | Ambient |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | RG-50872, Malonaben, SF 6847 |
| **Appearance** | Yellow solid. |
| **CAS** | 10537-47-0 |
| **Couple Target** | PDGF receptor |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{18}H_{22}N_2O$ |
| **MW** | 282.4 |
| **Purity** | ≥99% (HPLC) |
| **RTECS** | OO3737000 |
| **Solubility** | Soluble in DMSO (>25mg/ml) or ethanol (20mg/ml). |

**Last modified: May 29, 2024**

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