

## Tyrphostin 9 (SF 6847, RG-50872)

Cat. No. CEI-0838

Lot. No. (See product label)

### Introduction

**Description** Tyrphostin 9 is firstly designed as an EGFR inhibitor with IC50 of 460  $\mu$ M, but is also found to be more potent to PDGFR with IC50 of 0.5  $\mu$ M.

**Synonyms** Tyrphostin AG 17, Malonaben, NSC 242557, RG-50872

### Product Information

**CAS No.** 10537-47-0

**Molecular Formula** C18H22N2O

**Chemical Name** Propanedinitrile, 2-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methylene]-

**Molecular Weight** 282.38

**Targets** EGFR, PDGFR

**IC50** 460  $\mu$ M

**Solubility** DMSO 56 mg/mL; Water <1 mg/mL; Ethanol 56 mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.