Creative Enzymes®

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 μM, but is also found to be more potent to PDGFR with IC50 of0.5μM.
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 μM
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.