

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 of 0.5 μM.

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.