

Tyrphostin 23

Catalog No: **tcsc1387**



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

118409-57-7

Formula:

$C_{10}H_6N_2O_2$

Pathway:

JAK/STAT Signaling;Protein Tyrosine Kinase/RTK

Target:

EGFR;EGFR

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 50 mg/mL (268.57 mM)

Alternative Names:

Tyrphostin A23;RG-50810;AG 18

Observed Molecular Weight:

186.17

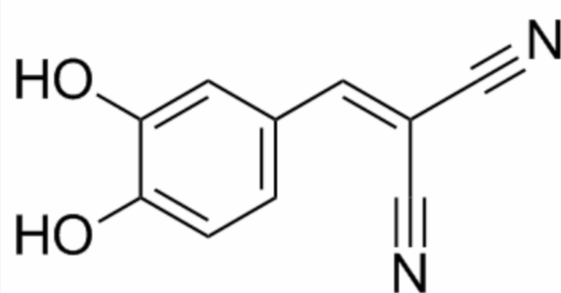
Product Description

Tyrphostin 23 (Tyrphostin A23) is an **EGFR** inhibitor with an **IC₅₀** and **K_i** of 35 and 11 μ M, respectively.

IC50 & Target: IC50: 35 μ M (EGFR)^[1]

Ki: 11 μ M

In Vitro: 10 μ M tyrphostin 23 causes significant inhibition of the cell proliferation caused by 1 nM and 1 μ M ghrelin^[2]. Tyrphostin 23 (T23) is a well-known inhibitor of protein tyrosine kinases and has been considered as potential anti-cancer drug. T23 is reported to acutely stimulate the glycolytic flux in primary cultured astrocytes. Tyrphostin 23 stimulates glycolytic flux in cultured astrocytes. Mitochondrial metabolism of brain astrocytes is accelerated by Tyrphostin 23 exposure^[3].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!