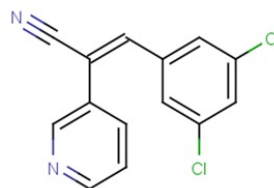


Product Name	: RG 14620
Synonyms	: RG 14620; TYRPHOSTIN RG 14620.
Cat No.	: M17976
CAS Number	: 136831-49-7
Molecular Formula	: C ₁₄ H ₈ Cl ₂ N ₂
Formula Weight	: 275.13
Chemical Name	: (E)-3-(3,5-dichlorophenyl)-2-(pyridin-3-yl)acrylonitrile
Description	: RG-14620 is an EGFR inhibitor. It is a non-phenolic tyrphostin analog, which is selective for the EGF receptor and long acting. It inhibits EGF-stimulated HER14 cell proliferation (IC ₅₀ =3 µM) as well as tumor growth in vivo.
Pathway	: Others
Target	: Other Targets
Receptor	: HER14 colony formation; HER14 DNA synthesis
Solubility	: DMSO : ≥ 26 mg/mL; 94.50 mM
SMILES	: <chem>c1cc(cnc1)/C(=C/c1cc(cc(c1)Cl)Cl)/C#N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Yoneda T, et al. Cancer Res. 1991 Aug 15;51(16):4430-5.