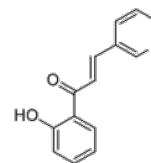


Product Name : NSC49652
Cat. No. : PC-35729
CAS No. : 908563-68-8
Molecular Formula : C₁₄H₁₁NO₂
Molecular Weight : 225.247
Target : Trk Receptor
Solubility : 10 mM in DMSO



Biological Activity

NSC49652 (NSC 49652) is a functional **p75NTR** agonist targeting the transmembrane domain (TMD) of death receptor **p75NTR** with IC₅₀ of 10 μM in AraTM assays, alters the relative conformation of p75NTR TMDs and induces dynamic changes in the full-length receptor in mammalian cells.

NSC49652 induces apoptosis through p75NTR and the JNK pathway in neurons and affects the viability of melanoma cells. NSC49652 reduces tumor growth and improves survival in human melanoma xenograft model, orally available.

References

Goh ETH, et al. *Cell Chem Biol.* 2018 Oct 1. pii: S2451-9456(18)30302-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com