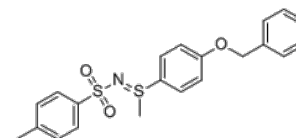


Product Name : Triphenyl compound A
Cat. No. : PC-62245
CAS No. : 21306-65-0
Molecular Formula : C₂₁H₂₁NO₃S₂
Molecular Weight : 399.523
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Triphenyl compound A (TPH A) is a small-molecule inhibitor of nuclear protein **Pirin** with K_d of 0.6 μM, inhibits the interaction between pirin and Bcl3 in vitro and in cells.

TPH A does not exert any potent cytotoxic activity against many human cancer cell lines after 48 h of treatment, dose-dependently inhibits melanoma cell migration.

TPH A reduces SNAI2 expression by suppressing SNAI2 promoter activity, and thereby impedes melanoma cell migration.

References

Miyazaki I, et al. *Nat Chem Biol*. 2010 Sep;6(9):667-73.

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

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