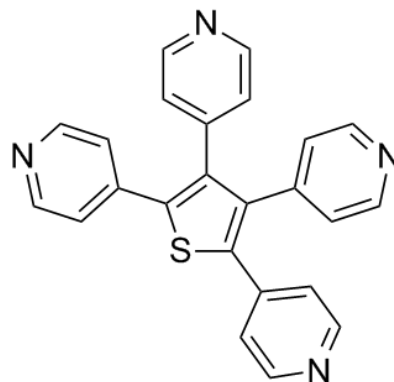


Product Name : GANT 58
Cat. No. : PC-43461
CAS No. : 64048-12-0
Molecular Formula : C₂₄H₁₆N₄S
Molecular Weight :
Target : Gli
Solubility : 10 mM in DMSO



Biological Activity

GANT 58 (NSC 75503) is a potent **Gli** antagonist and **Hedgehog signaling (Hh)** inhibitor that inhibits GLI1-induced transcription with IC₅₀ of 5 uM.

GANT 58 efficiently inhibits in vitro tumor cell proliferation in a GLI-dependent manner and successfully blocks cell growth in an in vivo xenograft model of human prostate cancer cells harboring downstream activation of the Hh pathway.

References

Lauth M, et al. *Proc Natl Acad Sci U S A*. 2007 May 15;104(20):8455-60.

Hassounah NB, et al. *Clin Cancer Res*. 2012 May 1;18(9):2429-35.

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

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