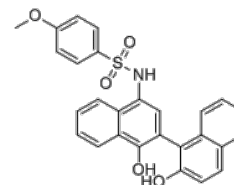


Product Name : C188-9
Cat. No. : PC-61162
CAS No. : 432001-19-9
Molecular Formula : C₂₇H₂₁NO₅S
Molecular Weight : 471.53
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

C188-9 (TTI-101) is a novel small-molecule **STAT3** inhibitor with K_i of 12.4 nM.

C188-9 inhibits STAT3 binding to its pY-peptide ligand, suppresses cytokine-stimulated pSTAT3, reduces constitutive pSTAT3 activity, and inhibits anchorage dependent and independent growth of in multiple HNSCC cell lines.

C188-9 prevents tumor xenograft growth, modulates many STAT3-regulated genes involved in oncogenesis and radioresistance in vivo.

References

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Minus MB, et al. **Angew Chem Int Ed Engl**. 2015 Oct 26;54(44):13085-9.

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

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