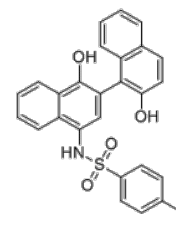


Product Name : C188-9
Cat. No. : PC-61162
CAS No. : 425373-68-8
Molecular Formula : C₂₈H₂₃NO₄S
Molecular Weight : 469.555
Target : STAT
Solubility :



4. Minus MB, et al. Angew Chem Int Ed Engl. 2015

Biological Activity

A novel small-molecule STAT3 inhibitor with K_i of 12.4 nM; 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; prevents tumor xenograft growth, modulates many STAT3-regulated genes involved in oncogenesis and radioresistance in vivo.

Solid Tumors

Phase 1 Clinical

References

Redell MS, et al. Blood. 2011 May 26;117(21):5701-9.

Bharadwaj U, et al. Oncotarget. 2016 May 3;7(18):26307-30.

Jung KH, et al. Clin Cancer Res. 2017 Sep 15;23(18):5537-5546.
Oct 26;54(44):13085-9.

