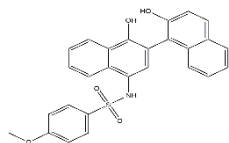


STAT3 Inhibitor, C188-9

ALTERNATE NAME: F1113-0789
N-(1',2'-Dihydroxy-1,2'-binaphthalen-4'-yl)-4-methoxybenzenesulfonamide

CATALOG #: B2386-5 5 mg
B2386-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₁NO₅S

MOLECULAR WEIGHT: 471.52

CAS NUMBER: 432001-19-9

APPEARANCE: Off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: DMSO

STORAGE CONDITIONS: -20°C

DESCRIPTION: C188-9 is a potent STAT3 inhibitor that binds to STAT3 with high affinity (K_d of 4.7 nM). C188-9 has the ability to inhibit STAT3 binding to its pY-peptide ligand, to inhibit cytokine-stimulated pSTAT3, to reduce constitutive pSTAT3 activity in multiple HNSCC cell lines, and to inhibit anchorage dependent and independent growth of these cells.

REFERENCES: Bharadwaj, U., et al. (2016). Oncotarget 7, 26307-26330

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Stat3 Activation Inhibitor, SPI (1813)
Galiellactone (2623)
Stat3 Inhibitor I, S3I-201 (1775)
LLL12 (1792)
Stat3 Peptide Inhibitor, Cell-Permeable (1778)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*