**Stat3 Inhibitor I, S3I-201**

**ALTERNATE NAME:** 2-Hydroxy-4-[[[4-methylphenyl]sulfonyl]oxy]acetyl]amino]benzoic acid; NSC 74859; S3I-201

**CATALOG #:** 1775-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

![Chemical Structure]

**MOLECULAR FORMULA:** C_{16}H_{15}N_{7}O_{5}S

**MOLECULAR WEIGHT:** 365.36

**CAS NUMBER:** 501919-59-1

**APPEARANCE:** Off-white solid

**SOLUBILITY:** DMSO (10 mg/ml)

**PURITY:** ≥97% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** Inhibits Stat3 complex formation and Stat3-DNA binding activity *in vitro* (IC{\textsubscript{50}} = 86 ± 33 µM) and Stat3-dependent transcriptional activities. S3I-201 inhibits the expression of the Stat3-regulated genes encoding cyclin D1, Bcl-xL, and survivin and inhibits the growth of human breast tumors *in vivo*.


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

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

**RELATED PRODUCTS:**
- CP-690550 (Cat. No. 1622-5, 25)
- Stat1 Antibody (Cat. No. 3133R-100)
- Stat2 Antibody (Cat. No. 3468R-100)
- Phospho-Stat2 Antibody (Cat. No. 3469-1000)
- Stat3 Antibody (Cat. No. 3470R-100)
- Phospho-Stat3 Antibody (Cat. No. 3474-100)
- Stat4 Antibody (Cat. No. 3471R-100)
- Stat5 Antibody (Cat. No. 3472-100)
- Phospho-Stat5 Antibody (Cat. No. 3475-1000)
- Stat6 Antibody (Cat. No. 3473R-100)
- Phospho-Stat6 Antibody (Cat. No. 3476-100)
- Tyrophostin AG 490 (Cat. No. 1570-5)