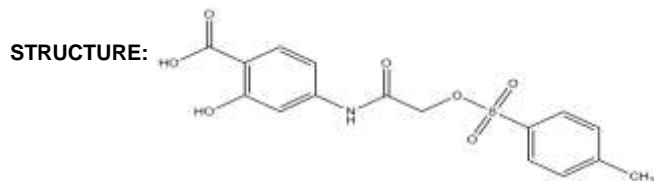


Stat3 Inhibitor I, S3I-201

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



MOLECULAR FORMULA: C₁₆H₁₅NO₇S

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. Stat3 complex formation and Stat3-DNA binding activity *in vitro* (IC₅₀ = 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*.

REFERENCE: Siddiquee, K., *et al.* (2007). *Proc. Natl. Acad. Sci. USA* **104**, 7391-7396.

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. 3475-100)
- Stat6 Antibody (Cat. No. 3473R-100)
- Phospho-Stat6 Antibody (Cat. No. 3476-100)
- Tyrphostin AG 490 (Cat. No. 1570-5)