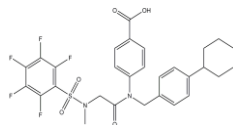


**PRODUCT: SH-4-54**

**ALTERNATE NAMES:** SH454; SH 4 54; SH4-54; SH-454; 4-[(4-cyclohexylphenyl)methyl]-[2-[methyl-(2,3,4,5,6-pentafluorophenyl)sulfonylamino]acetyl]amino]benzoic acid

**CATALOG#:** B1637-5, -25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>29</sub>H<sub>27</sub>F<sub>5</sub>N<sub>2</sub>O<sub>5</sub>S

**MOLECULAR WEIGHT:** 610.59

**CAS NUMBER:** 1456632-40-8

**APPEARANCE:** Solid powder

**SOLUBILITY:** DMSO

**PURITY:** >98%

**STORAGE:** Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

**DESCRIPTION:** SH-4-54 is a most potent, small molecule, non-phosphorylated STAT3 inhibitor, strongly binds to STAT3 protein (KD = 300 nM), is selective for STAT3 over STAT1.

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

**RELATED PRODUCTS:**

- AG490 (Cat. No. 1570-5)
- CP-690550 (Cat. No. 1622-5, 25)
- LLL12 (Cat. No. 1792-5, 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)
- Stat3 Inhibitor I, S3I-201 (Cat. No. 1775-5, 25)
- Stat3 Peptide Inhibitor, Cell-Permeable (Cat. No. 1778-1, 5)
- 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)
- WP1066 (Cat. No. 1809-5, 25)

**USAGE:** *FOR RESEARCH USE ONLY! Not to be used in humans*