



938 South Andreasen Drive, Suite E  
Escondido, CA 92029 USA

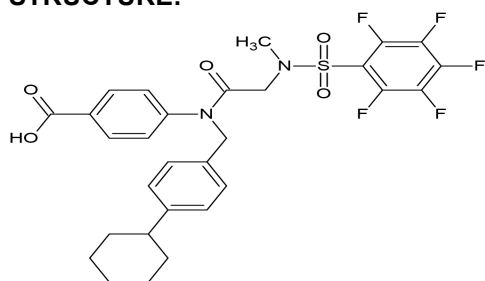
Phone: +1-760-738-1508  
Fax: +1-760-738-1530  
info@auroramedbiochem.com  
[www.auroramedbiochem.com](http://www.auroramedbiochem.com)

## STAT3/STAT5 Dual Inhibitor, SH-4-54

**ALTERNATE NAME:** 4-[(4-cyclohexylphenyl)methyl-2-[methyl-(2,3,4,5,6-pentafluorophenyl)sulfonylamino]acetyl]amino]benzoic acid

**CATALOG #:** AUR11019

### 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:** 610.60

**CAS#:** 1456632-40-8

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (>100 mg/ml)

**PURITY:** >94% by HPLC

**STORAGE:** Store at +2°C to +8°C; Protect from air and light

**DESCRIPTION:** SH-4-54 is a potent STAT inhibitor with KD of 300 nM and 464 nM for STAT3 and STAT5, respectively. SH-4-54 potently kills glioblastoma brain cancer stem cells (BTSCs) and effectively suppresses STAT3 phosphorylation and its downstream transcriptional targets at low nM concentrations.

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