

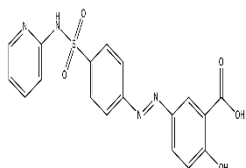
# Sulfasalazine

**ALTERNATE NAME:** 2-hydroxy-5-[2-[4-[(2-pyridinylamino)sulfonyl]phenyl]diazenyl]-benzoic acid  
NSC-667219  
NSC-203730

**CATALOG #:** B2331-1G  
B2331-5G

**AMOUNT:** 1 g  
5 g

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>18</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub>S

**MOLECULAR WEIGHT:** 398.39

**CAS NUMBER:** 599-79-1

**APPEARANCE:** Light yellow to light brown solid

**PURITY:** ≥98%

**STORAGE:** Store at -20°C. Protect from air and light

**SOLUBILITY:** >25 mg/ml (DMSO)

**REFERENCES:** Jiang, G.L., et al. (2010). J. Pharmacol. Exp. Ther. 335, 546-552.

**DESCRIPTION:** An anti-inflammatory agent and GST inhibitor. Sulfasalazine inhibits TNF-α and LPS-induced NF-κB activation in SW620 colon cancer cells. It also inhibits degradation of IκBα and prevents nuclear translocation of NF-κB induced by TNF-α.

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

**RELATED PRODUCTS:**

GST Inhibitor (Cibacron Blue 3-GA, Sodium Salt) (1555R)  
GST Inhibitor 2 (Ethacrynic acid) (1556)  
Ezatiostat (2608)

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