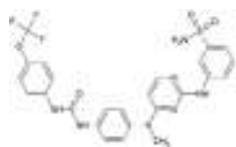


# GW-806742X

**ALTERNATE NAME:** GW806742X  
3-(4-(Methyl(4-(3-(4-(trifluoromethoxy)phenyl)ureido)phenyl)amino)pyrimidin-2-ylamino)benzenesulfonamide

**CATALOG #:** B3246-5 5 mg  
B3246-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>22</sub>F<sub>3</sub>N<sub>7</sub>O<sub>4</sub>S

**MOLECULAR WEIGHT:** 573.55

**CAS NUMBER:** 579515-63-2

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** ~2 mg/ml DMSO

**DESCRIPTION:** GW-806742X is a potent MLKL (Mixed Lineage Kinase Domain-Like protein) inhibitor, as well as a human and murine necroptosis inhibitor. GW806742X binds the MLKL pseudokinase domain with a K<sub>d</sub> value of 9.3 μM and displays anti-necroptosis activity. GW806742X blocks necroptosis and IL-33 release in vitro and reduces eosinophilia in *Aspergillus fumigatus* extract-induced asthma in vivo, an allergic inflammation model that is highly dependent on IL-33.

**STORAGE TEMPERATURE:** -20°C. Protect from light

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

**RELATED PRODUCTS:**

LY364947 (2646)  
URMC-099 (9443)

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