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_{23}H_{22}F_{3}N_{7}O_{4}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 Kd 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: -20ºC. 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.