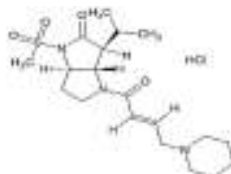


GW-311616A

ALTERNATE NAME: GW311616 hydrochloride
(3S,3aS,6aR)-3-Isopropyl-1-(methylsulfonyl)-4-((E)-4-(piperidin-1-yl)but-2-enoyl) hexahydropyrrolo [3,2-b]pyrrol-2(1H)-one hydrochloride

CATALOG #: B2559-1 1 mg
B2559-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₃₁N₃O₄S · HCl

MOLECULAR WEIGHT: 434.0

CAS NUMBER: 197890-44-1

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: DMSO
Water

DESCRIPTION: GW-311616 hydrochloride is a potent and selective intracellular neutrophil elastase (NE, α-1-proteinase) inhibitor. Inhibits human neutrophil elastase (HNE) and is selective over other human serine proteases with IC₅₀ values of 22 nM for HNE, >100 μM for trypsin, cathepsin G and plasmin, >3 μM for chymotrypsin and tissue plasminogen activator.

STORAGE TEMPERATURE: -20°C. Protect from moisture

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

RELATED PRODUCTS:

Elastase Inhibitor, SPCK (1921)
Elastase Inhibitor (1922)
Alvelestat (B1653)
Elastatinal (9629)
Sivelestat (B2144)

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