PRODUCT: Lifitegrast

ALTERNATE NAMES: (S)-2-(2-benzofuran-6-carbonyl)-5,7-dichloro-1,2,3,4-tetrahydroisoquinoline-6-carboxamido)-3-(3-(methylsulfonyl)phenyl)propanoic acid; SAR-1118; SAR 1118; SAR1118; Lifitegrast, Xiidra.

CATALOG NUMBER: B1917-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{29}H_{24}Cl_{2}N_{2}O_{7}S

MOLECULAR WEIGHT: 615.48

CAS NUMBER: 1025967-78-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Lifitegrast is a LFA-1 (lymphocyte function-associated antigen-1) antagonist intended for the treatment of vascular complications of the eye. Lifitegrast is a novel T-cell integrin antagonist that is designed to mimic the binding epitope of ICAM-1. It serves as a molecular decoy to block the binding of LFA-1/ICAM-1 and inhibits the downstream inflammatory process.


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

RELATED PRODUCTS:
ICAM-1 (human) ELISA Kit (K7161)
ICAM-1 (mouse) ELISA Kit (K7162)
ICAM-1 (rat) ELISA Kit (K7163)
Leukadherin-1 (2059)

USAGE: FOR RESEARCH USE ONLY! Not to be used in humans