

PRODUCT: Fosaprepitant**ALTERNATE NAME:**

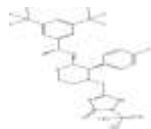
P-[3-[[[(2R,3S)-2-[(1R)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy]-3-(4-fluorophenyl)-4-morpholinyl]methyl]-2,5-dihydro-5-oxo-1H-1,2,4-triazol-1-yl]phosphonic Acid; L 758298;

CATALOG #:

9529-10, 50

AMOUNT:

10 mg, 50 mg

STRUCTURE:**MOLECULAR FORMULA:**

C₂₃H₂₂F₇N₄O₆P

MOLECULAR WEIGHT:

614.41

CAS NUMBER:

172673-20-0

APPEARANCE:

White solid

SOLUBILITY:

DMSO

PURITY:

≥98% by HPLC

STORAGE:

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

DESCRIPTION:

Fosaprepitant is a prodrug of Aprepitant (Cat. No. 9531) that acts as a selective, high-affinity antagonist of human substance P/neurokinin 1 (NK1) receptors. After biologically activated to Aprepitant, it acts as an antiemetic agent.

REFERENCES:

Navari, R.M. (2008). *Expert Rev. Anticancer Ther.* **11**, 1733-1742.

HANDLING:

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

RELATED PRODUCTS:

Aprepitant (Cat. No. 9531-10,50)

Fosaprepitant (Cat. No. 9529-10,50)

USAGE:

FOR RESEARCH CH USE ONLY! Not to be used in humans