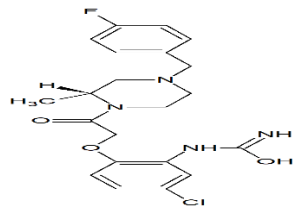


# BX-471

**ALTERNATE NAME:** (2R)-1-[[2-[(Aminocarbonyl)amino]-4-chlorophenoxy]acetyl]-4-[(4-fluorophenyl)methyl]-2-methylpiperazine  
ZK-811752

**CATALOG #:** B2407-5 5 mg  
B2407-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>21</sub>H<sub>24</sub>ClFN<sub>4</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 434.89

**CAS NUMBER:** 217645-70-0

**APPEARANCE:** White solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >35 mg/ml DMSO  
>15 mg/ml Ethanol

**STORAGE CONDITIONS:** -20°C

**DESCRIPTION:** BX-471 is a potent and selective non-peptide CCR1 antagonist with a Ki of 1 nM; displays 250-fold selectivity for CCR1 over CCR2, CCR5 and CXCR4.

**REFERENCES:** Liang, M., et al. (2000). J. Biol.Chem. 275, 19000-19008

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

**RELATED PRODUCTS:**

RS-504393 (B2406)  
CCR2 antibody (3415R)  
CCR1 Antibody (3414)

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