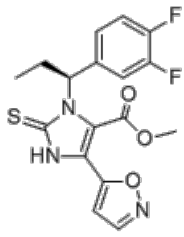


Product Name	: JNJ-27141491	
Synonyms	: JNJ 27141491; JNJ27141491	
Cat No.	: M16331	
CAS Number	: 871313-59-6	
Molecular Formula	: C ₁₇ H ₁₅ F ₂ N ₃ O ₃ S	
Formula Weight	: 379.38	
Chemical Name	: 3-[(1S)-1-(3,4-Difluorophenyl)propyl]-2,3-dihydro-5-(5-isoxazolyl)-2-thioxo-1H-imidazole-4-carboxylic acid methyl ester	
Description	: A potent, selective, noncompetitive, orally active CCR2 antagonist with IC ₅₀ of 172 nM; strongly suppresses MCP-1, -3, and -4-induced Ca ²⁺ mobilization; and leukocyte chemotaxis with IC ₅₀ of 7-97 nM, with no effect on other chemokine receptors; dose-dependently inhibits monocyte and neutrophil recruitment in mice.	
Pathway	: GPCR/G Protein	
Target	: Chemokine Receptor	
Receptor	: Chemokine Receptor	
Solubility	: —	
SMILES	: <chem>O=C(C1=C(C2=CC=CC=C2N1C)C(=O)N(C)C(C3=CC=C(F)C(F)=C3)CC=S)OC</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Zweemer AJ, et al. Mol Pharmacol. 2013 Oct;84(4):551-61. 2. Buntinx M, et al. J Pharmacol Exp Ther. 2008 Oct;327(1):1-9.