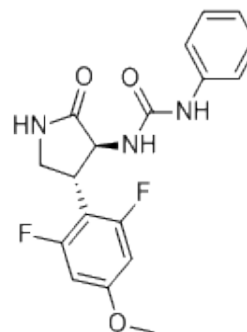


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :BMS-986235
Cat.No. :URK-V2352
CAS No. :2253947-47-4
Molecular Formula :C₁₈H₁₇F₂N₃O₃
Molecular Weight :361.349
Target :
Solubility :



Biological Activity

BMS-986235 (LAR-1219) is a potent, selective, and orally bioavailable agonist of formyl peptide receptor 2 (FPR2) with EC₅₀ of 0.4 nM (hFPR2), >7,000-fold selectivity over FPR1.

BMS-986235 produced concentration-dependent modulation of BRET signals for Gai1, Gai2, Gai3, GaoA, and GaoB biosensors following FPR2 activation (EC₅₀=5-13 nM), 164- to 614-fold selectivity over FPR1 activation.

BMS-986235 improved mouse survival, reduced left ventricular area, reduced scar area, and preserved wall thickness, inhibited neutrophil chemotaxis and stimulated macrophage phagocytosis, key end points to promote resolution of inflammation.

BMS-986235 preserved viable myocardium, attenuated left ventricular remodeling, and increased ejection fraction in rats following MI.

References

1. Yoshikazu Asahina, et al. J Med Chem. 2020 Sep 10;63(17):9003-9019.
2. Ricardo A García, et al. JACC Basic Transl Sci. 2021 Aug 23;6(8):676-689.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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