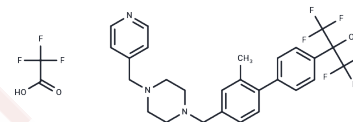


SR1903 TFA

Chemical Properties

CAS No. : 2351884-03-0
 Formula: C₂₉H₂₈F₉N₃O₃
 Molecular Weight: 637.54
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	SR-1903 is a modulator of retinoic acid receptor-related orphan receptor γ (ROR γ) and liver X receptor (LXR). It is an inverse agonist of ROR γ and an agonist of LXR. It also binds to peroxisome proliferator-activated receptor γ (PPAR) but does not activate it. SR-1903 inhibits LPS-induced expression of triggering receptor expressed on myeloid cells 1 (TREM-1). It also inhibits LPS-induced expression of the LXR target genes IL-6 and IL-33 and increases expression of ABCG1, FASN, and SCD-1. SR-1903 reduces the severity of collagen-induced arthritis. It reduces blood glucose levels in a glucose tolerance test, serum levels of total cholesterol and LDL, body weight, and fat mass in a mouse model of high-fat diet-induced obesity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5685 mL	7.8426 mL	15.6853 mL
5 mM	0.3137 mL	1.5685 mL	3.1371 mL
10 mM	0.1569 mL	0.7843 mL	1.5685 mL
50 mM	0.0314 mL	0.1569 mL	0.3137 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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