

Product Name: SR 2211

Catalog No.: 4869

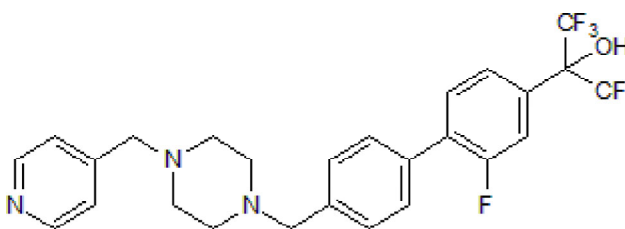
Batch No.: 2

CAS Number: 1359164-11-6

IUPAC Name: 2-Fluoro-4'-[[4-(4-pyridinylmethyl)-1-piperazinyl]methyl]-a,a-bis(trifluoromethyl)-[1,1'-biphenyl]-4-methanol

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₆H₂₄F₇N₃O
Batch Molecular Weight: 527.48
Physical Appearance: Off White solid
Solubility: DMSO to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

TLC: R_f = 0.42 (Chloroform:Methanol [9:1])
HPLC: Shows 99.9% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	59.2	4.59	7.97
Found	59.4	4.61	7.95

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

SR 2211 is a selective inverse agonist of retinoic acid receptor-related orphan receptor γ (ROR γ) (K_i = 105 nM; IC_{50} ~320 nM). Exhibits weak activity at liver X receptor α (LXR α); does not affect the transcriptional activity of farnesoid X receptors (FXR), and has no impact on the transcriptional activity of ROR α .

Physical and Chemical Properties:

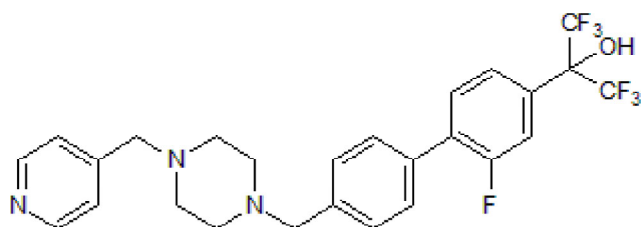
Batch Molecular Formula: C₂₆H₂₄F₇N₃O

Batch Molecular Weight: 527.48

Physical Appearance: Off White solid

Minimum Purity: \geq 98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

Sold under license from The Scripps Research Institute.

References:

Kumar et al (2012) Identification of SR2211: a potent synthetic ROR γ -selective modulator. ACS Chem.Biol. 7 672. PMID: 22292739.

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