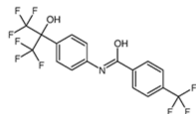


Product Name	: SR 1078
Synonyms	: SR-1078; SR 1078; SR1078
Cat No.	: M17902
CAS Number	: 1246525-60-9
Molecular Formula	: C ₁₇ H ₁₀ F ₉ NO ₂
Formula Weight	: 431.25
Chemical Name	: N-(4-(1,1,1,3,3,3-hexafluoro-2-hydroxypropan-2-yl)phenyl)-4-(trifluoromethyl)benzamide
Description	 SR-1078 is a selective agonist of RORα and RORγ that stimulates ROR transcriptional activity in HEK293 cell reporter assays at concentrations as low as 2 μM without effect at the related liver X receptors and farnesoid X receptors. SR1078 modulates the conformation of RORγ in a biochemical assay and activates RORα and RORγ driven transcription. SR1078 stimulates expression of endogenous ROR target genes in HepG2 cells that express both RORα and RORγ. SR1078 can be utilized as a chemical tool to probe the function of these receptors both in vitro and in vivo.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: ROR α ; ROR γ
Solubility	: DMSO : 33.33 mg/mL 77.29 mM;
SMILES	: <chem>OC(c1ccc(NC(=O)c2ccc(cc2)C(F)(F)F)cc1)(C(F)(F)F)C(F)(F)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Wang Y, et al. Identification of SR1078, a synthetic agonist for the orphan nuclear receptors ROR α and ROR γ . ACS Chem Biol. 2010 Nov 19;5(11):1029-34.