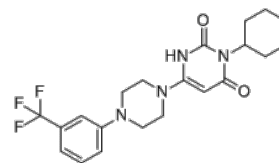


Product Name : ML179
Cat. No. : PC-38444
CAS No. : 1883548-87-5
Molecular Formula : C₂₁H₂₅F₃N₄O₂
Molecular Weight : 422.44
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

ML179 (SR1309) is a potent, selective **Liver Receptor Homologue-1** (LRH1, NR5A2) inverse agonist with IC₅₀ of 320 nM in reporter assays, displays no activity against SF1 (NR5A1).

ML179 is potent in a variety of breast cancer cell lines in MTT assays.

ML179 significantly reduced mRNA expression of FXR targets ATP binding cassette subfamily C member 2/multidrug resistance associated protein 2 (ABCC2/MRP2), nuclear receptor subfamily 0, group B, member 2/small heterodimer partner (NR0B2/SHP), and ATP binding cassette subfamily B member 11/bile salt export pump (ABCB11/BSEP) in HepG2 cells and primary mouse hepatocytes.

References

Busby S, et al. National Center for Biotechnology Information (US); 2010-.

Swati Ghosh, et al. *Hepatology*. 2021 Dec;74(6):3284-3300.

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

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