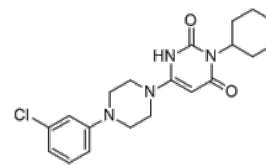


Product Name : ML180
Cat. No. : PC-38445
CAS No. : 863588-32-3
Molecular Formula : C₂₀H₂₅ClN₄O₂
Molecular Weight : 388.89
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

ML180 (SR1848) is a potent, selective **Liver Receptor Homologue-1** (LRH1, NR5A2) inverse agonist with IC₅₀ of 3.7 μM in reporter assays, displays no activity against SF1 (NR5A1).

ML180 shows 60% maximum repression of LRH1 transcription and is potent in a variety of breast cancer cell lines in MTT assays.

ML180 decreased cell-cycle-related gene transcripts and downstream targets in vitro.

References

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

Meinsohn MC, et al. *J Endocr Soc.* 2017 Dec 1;2(1):24-41.

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

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