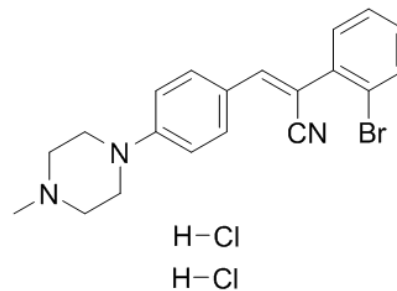


Product Name : DG-172 dihydrochloride
Cat. No. : PC-45697
CAS No. : 1361504-77-9
Molecular Formula : C₂₀H₂₂BrCl₂N₃
Molecular Weight : 455.2188
Target : PPAR
Solubility : 10 mM in DMSO



Biological Activity

DG-172 is a novel PPAR β/δ -selective ligand showing high binding affinity (IC₅₀= 27 nM) and potent inverse agonistic properties; inhibits agonist-induced activity of PPAR β/δ , enhances transcriptional corepressor recruitment; down-regulates transcription of the PPAR β/δ target gene Angptl4 in mouse myoblasts (IC₅₀= 9.5 nM); orally bioactive.

References

- Lieber S, et al. J Med Chem. 2012 Mar 22;55(6):2858-68.
Lieber S, et al. Mol Pharmacol. 2015 Feb;87(2):162-73.
Adhikary T, et al. Oncogene. 2013 Oct 31;32(44):5241-52.

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

E-mail: tech@probechem.com