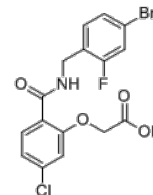


Product Name : IDD388
Cat. No. : PC-62882
CAS No. : 314297-26-2
Molecular Formula : C₁₆H₁₂BrClFNO₄
Molecular Weight : 416.627
Target : Aldose Reductase
Solubility : 10 mM in DMSO



Biological Activity

IDD388 is a potent **aldose reductase** (ALR2 or AKR1B1) inhibitor with IC₅₀ of 0.4 μM, shows weak inhibition for AKR1B10 (IC₅₀=4.4 μM).

References

Steuber H, et al. J Mol Biol. 2008 Jun 20;379(5):991-1016.

Cousido-Siah A, et al. ACS Chem Biol. 2016 Oct 21;11(10):2693-2705.

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

E-mail: tech@probechem.com