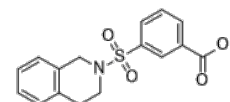


Product Name : AKR1C3-IN-1
Cat. No. : PC-28414
CAS No. : 327092-81-9
Molecular Formula : C₁₆H₁₅NO₄S
Molecular Weight : 317.36
Target : Aldose Reductase
Solubility : 10 mM in DMSO



Biological Activity

AKR1C3-IN-1 is a highly potent, selective inhibitor of AKR1C3 with IC₅₀ of 13 nM. AKR1C3-IN-1 shows little to no activities against AKR1C1 (IC₅₀=20.3 μM) and >30 μM against AKR1C2 and AKR1C4. AKR1C3-IN-1 inhibits AKR1C3 activity (inhibiting PR-104H formation) with IC₅₀ of 27 nM.

References

Jamieson SM, et al. J Med Chem. 2012 Sep 13;55(17):7746-58.

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

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