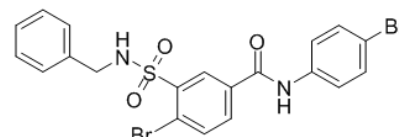


Product Name : RS-1
Cat. No. : PC-45715
CAS No. : 312756-74-4
Molecular Formula : C₂₀H₁₆Br₂N₂O₃S
Molecular Weight : 524.2256
Target : CRISPR/Cas9
Solubility : 10 mM in DMSO



Biological Activity

RS-1 is a homology-directed repair (HDR) enhancer; enhances HDR 3- to 6-fold depending on the locus and transfection method; shows effectivity on improving knock-in rates in both the TALEN- and the **CRISPR/Cas9**-mediated genome-editing systems.

References

Song J, et al. *Nat Commun.* 2016 Jan 28;7:10548.

Pinder J, et al. *Nucleic Acids Res.* 2015 Oct 30;43(19):9379-92.

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

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