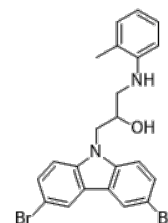


Product Name : miR-21-IN-2
Cat. No. : PC-26665
CAS No. : 304880-74-8
Molecular Formula : C₂₂H₂₀Br₂N₂O
Molecular Weight : 488.22
Target : MicroRNA
Solubility : 10 mM in DMSO



Biological Activity

miR-21-IN-2 is a high-affinity miR-21 inhibitor, binds to the apical loop region of the pre-miR-21 hairpin with KD of 2.3 μ M in 2-AP assays, inhibits the maturation of the microRNA hairpin by binding near the apical loop and preventing Dicer processing.

References

Connelly CM, et al. Discovery of Inhibitors of MicroRNA-21 Processing Using Small Molecule Microarrays. ACS Chem Biol. 2017;12(2):435-443.

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

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