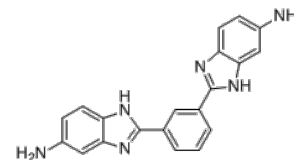


Product Name : TGP-377/421
Cat. No. : PC-72390
CAS No. : 16752-89-9
Molecular Formula : C₂₀H₁₆N₆
Molecular Weight : 340.39
Target : MicroRNA
Solubility : 10 mM in DMSO



Biological Activity

TGP-377/421 (Targapre-miR-377/421) is a small molecule targets **pre-miR-377** and inhibits its processing, binds to miR-377's Dicer processing site with K_d of 29 uM.

TGP-377/421 inhibits the cellular biogenesis of miR-377 in HUVECs, reduced mature miR-377 levels in a dose-dependent fashion with IC₅₀ of 5 uM, also inhibits miR-421.

References

Hafeez S Haniff, et al. *Nat Chem*. 2020 Oct;12(10):952-961.

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

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