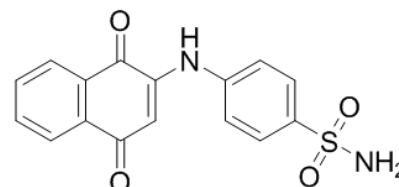


Product Name : ML329
Cat. No. : PC-42394
CAS No. : 19992-50-8
Molecular Formula : C₁₆H₁₂N₂O₄S
Molecular Weight : 328.34248
Target : MITF
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

ML329 is a small molecule microphthalmia-associated transcription factor (**MITF**) that inhibits the promoter activity of a MITF target gene, melastatin (TRPM-1) with IC₅₀ of 1.2 μM.

ML329 shows specific activity against the MITF-dependent cells, primary melanocytes but no effect on the viability in A375 cells.

References

Faloon PW, et al. Probe Reports from the NIH Molecular Libraries Program [Internet].

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

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