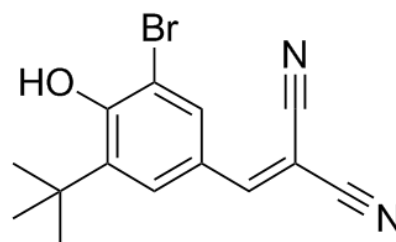


Product Name : AG1024
Cat. No. : PC-42488
CAS No. : 65678-07-1
Molecular Formula : C₁₄H₁₃BrN₂O
Molecular Weight : 305.1698
Target : IGF-1R
Solubility : 10 mM in DMSO



Biological Activity

A specific IGF-1R inhibitor that inhibits IGF-1R autophosphorylation with IC₅₀ of 7 μM; weakly blocks IR autophosphorylation with IC₅₀ of 57 μM; also inhibits the receptor tyrosine kinase activity towards exogenous substrates (TKA) with IC₅₀ of 18 μM and 80 μM, respectively; down-regulates expression of Bcr-Abl and P-Akt, and up-regulates DNA-PKcs expression in UT7-9 and Ba/F3-p210 cells.

References

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Wen B, et al. Br J Cancer. 2001 Dec 14;85(12):2017-21.

von Willebrand M, et al. Cancer Res, 2003, 63(6), 1420-1429.

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

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