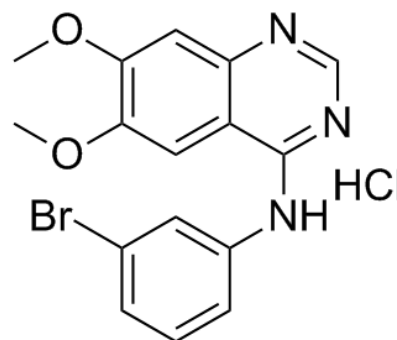


Product Name : PD153035 hydrochloride
Cat. No. : PC-42828
CAS No. : 183322-45-4
Molecular Formula : C₁₆H₁₅BrClN₃O₂
Molecular Weight : 396.6662
Target : EGFR
Solubility : DMSO



Biological Activity

PD153035 (ZM 252868;AG 1517;Tyrphostin AG 1517;SU 5271) is a highly potent, specific, ATP-competitive EGFR inhibitor with IC₅₀ of 0.025 nM; inhibits EGF-dependent EGF receptor phosphorylation and suppresses the proliferation and clonogenicity of a wide panel of EGF receptor-overexpressing human cancer cell lines (IC₅₀<1 μM); rapidly suppresses phosphorylation of the EGF receptor in A431 human epidermoid tumors grown as xenografts in immunodeficient nude mice.

References

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Bos M, et al. Clin Cancer Res. 1997 Nov;3(11):2099-106.
Fry DW, et al. Science. 1994 Aug 19;265(5175):1093-5.
Kunkel MW, et al. Invest New Drugs. 1996;13(4):295-302.

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

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