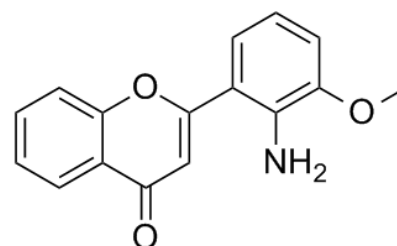


Product Name : PD98059
Cat. No. : PC-42842
CAS No. : 167869-21-8
Molecular Formula : C₁₆H₁₃NO₃
Molecular Weight : 267.2793
Target : MEK (MAP2K)
Solubility : DMSO: 16 mg/mL; H₂O: < 0.01 mg/mL



Biological Activity

PD98059 (PD 098059) is a specific **MEK** inhibitor with IC₅₀ of ~10 uM without significant inhibitory activity of MAPK. PD98059 prevents activation of MAPK and subsequent phosphorylation of MAPK substrates both in vitro and in intact cells.

References

Dudley DT, et al. *Proc Natl Acad Sci U S A*. 1995 Aug 15;92(17):7686-9.

Alessi DR, et al. *J Biol Chem*. 1995 Nov 17;270(46):27489-94.

Simon C, et al. *Br J Cancer*. 1999 Jul;80(9):1412-9.

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

E-mail: tech@probechem.com