PD 98059
Catalogue Number : 1672186

Product Information
- **Synonyms:** PD98059, PD-98059, 2-(2-amino-3-methoxyphenyl)-4H-1-benzopyran-4-one
- **Chemical Name:** 2-(2-amino-3-methoxyphenyl)chromen-4-one
- **Molecular Formula:** C_{16}H_{13}NO_{3}
- **Molecular Weight:** 267.3
- **CAS Number:** 167869-21-8
- **Purity:** ≥98%
- **Applications:** FA
- **Formulation:** Crystalline solid
- **Storage:** Product should be kept at -20°C.

Description
PD 98059 is a selective non-competitive inhibitor of the activation of mitogen-activated protein kinase kinase (MKK) by binding to the molecule’s inactivated form. It is reported to enhance the self-renewal of embryonic stem cells and block the osteogenic differentiation of human mesenchymal stem cells.

Preparation & Storage
Soluble in organic solvents such as ethanol or DMSO. DMSO up to 75mM.

References