



PD-98059

MAPK kinase (MAPKK) Inhibitor

E1B1805

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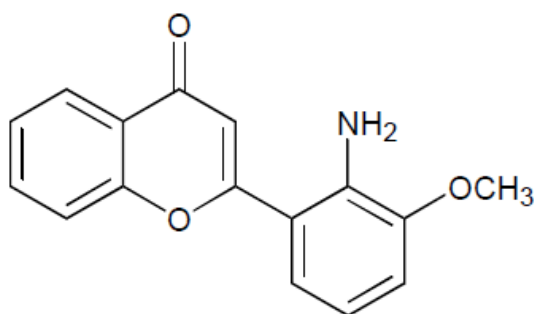
2'-Amino-3'-methoxyflavone

CAS NO: 167869-21-8

CATALOG NO.: E1B1805

Package: 2mg (20mg/ml in DMSO, 0.1ml)

STRUCTURE:



PHYSICAL APPEARANCE: Pale yellow solid

MOLECULAR FORMULA: C₁₆H₁₃NO₃

MOLECULAR WEIGHT: 267.3

PURITY: >95% (HPLC)

STORAGE: Store solutions at -20°C for up to 1 year.

APPLICATION NOTES: Inhibitor of MEK (MAP kinase kinase) activation. Maximal effects on MAP kinase activation, in cell culture, observed at 10-100 μM. Dilute directly from DMSO stock into buffered media, with stirring. Bovine serum albumin (6.6 mg/ml) has been found to prevent precipitation of PD-98059 in aqueous media (assayed with PD-98059 up to 100 μM).

REFERENCES:

D.R.Alessi *et al. J.Biol.Chem.* 1995 **270** 27489L.Pang *et al. J.Biol.Chem.* 1995 **270** 13585

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.

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