

Product Information

Luteolin

CAT#: E801

Product Information

CAS Number	491-70-3
Alternate Names	3',4',5,7-Tetrahydroxyflavone
Formulation	Solid
Purity	≥98%
Molecular Weight	286.24
Molecular Formula	C ₁₅ H ₁₀ O ₆
Solubility	Soluble in aqueous alkaline solutions (1.4 mg/ml), ethanol (~5 mg/ml), DMSO, 1eq. NaOH (5 mM), DMF (~20 mg/ml), 1:5 solution of DMF:PBS(pH7.2) (~1 mg/ml), water (1 mg/ml at 25° C), and methanol.
Melting Point	330° C
PubChem CID	5280445
Application	Luteolin is an inhibitor of LPS-induced TNF-α, IL-6 and inducible nitric oxide production and blocker of NF-κB and AP-1 activation.
Storage	Store at 4° C
Notes	For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.