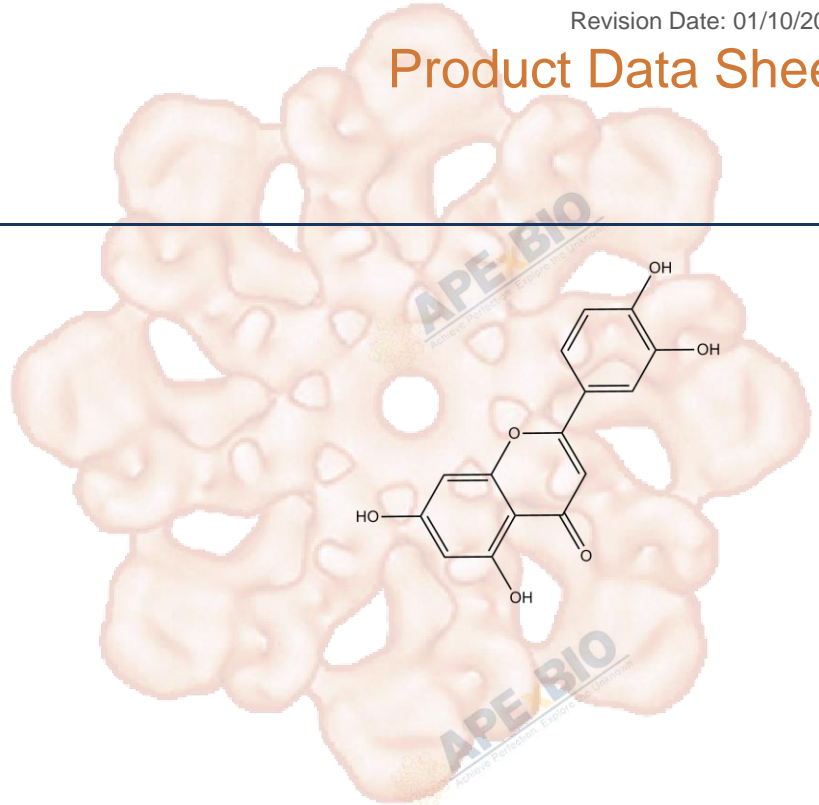


Product Data Sheet

Luteolin

Cat. No.:	N1831
CAS No.:	491-70-3
Formula:	C ₁₅ H ₁₀ O ₆
M.Wt:	286.24
Synonyms:	3',4',5,7-Tetrahydroxyflavone
Target:	Immunology/Inflammation
Pathway:	IκB/IKK
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥2.83 mg/mL in EtOH with ultrasonic; ≥27.5 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
		Concentration			
		1 mM	3.4936 mL	17.4679 mL	34.9357 mL
		5 mM	0.6987 mL	3.4936 mL	6.9871 mL
		10 mM	0.3494 mL	1.7468 mL	3.4936 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary: Antioxidant and free radical scavenger

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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