

Myricetin Biochemical

Myricetin

CATALOG #
AAA201929

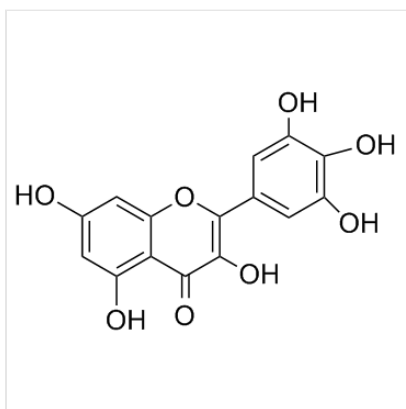
PRODUCT SYNONYMS

Myricetin; Cannabiscetin; NSC 407290; Myricetin biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98% (HPLC)
Suitability	Ethanol: 20mg/mL warmed (62.84mM) DMSO: 63mg/mL (197.96mM)
Target	PI3K
Receptor	PI3Kgamma
Chemical Name	3, 5, 7-trihydroxy-2-(3, 4, 5-trihydroxyphenyl)-4H-chromen-4-one
SMILES	<chem>O=C1C(O)=C(C2=CC(O)=C(O)C(O)=C2)OC3=C1C(O)=CC(O)=C3</chem>
Molecular Formula	C15H10O8
CAS Number	529-44-2
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Myricetin biochemical

Myricetin is produced from the parent compound taxifolin through the (+)-dihydromyricetin intermediate and can be further processed to form laricitrin and then syringetin, both members of the flavonol class of flavonoids. Dihydromyricetin is frequently sold as a supplement and has controversial function as a partial GABAA receptor potentiator and treatment in Alcohol Use Disorder (AUD).

Product Categories/Family for Myricetin biochemical	PI3K/Akt/mTOR signaling; Cancer
References	1.Flamini R, et al. Int J Mol Sci. 2013 Sep 27; 14 (10):19651-69.

NCBI AND UNIPROT INFORMATION

Molecular Weight	318.24
------------------	--------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/biochemical/myricetin/201929>