Data Sheet (Cat.No.T75608)

TargetMol

Myricetin 3-O-α-L-arabinopyranoside

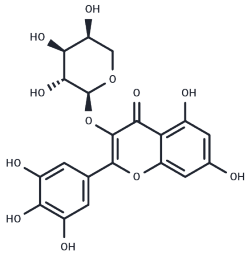
Chemical Properties

CAS No. : 132679-85-7

Formula: C20H18O12

Molecular Weight: 450.35

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Myricetin 3-O-α-L-arabinopyranoside, a quercetin derivative and plant flavonoid, exhibits antioxidant, antibacterial, and antiurease properties. It inhibits A2E photooxidation-induced retinal pigment epithelium (RPE) cell death and offers protection against retinal degeneration as well as blue light (BL)-induced damage in RPE cells and mouse models [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2205 mL	11.1025 mL	22.205 mL
5 mM	0.4441 mL	2.2205 mL	4.441 mL
10 mM	0.222 mL	1.1102 mL	2.2205 mL
50 mM	0.0444 mL	0.222 mL	0.4441 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481