
Product Data Sheet

Product Name: Azaleatin
Cat. No.: GC60613

Chemical Properties

Cas. No. 529-51-1

SMILES O=C1C(O)=C(C2=CC=C(O)C(O)=C2)OC3=CC(O)=CC(OC)=C13

Formula $C_{16}H_{12}O_7$ M.Wt 316.26

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

Azaleatin is an O-methylated flavonol isolated from Rhododendron species. Azaleatin is a dipeptidyl peptidase-IV inhibitor. Azaleatin can be used for the research of type-2 diabetes and obesity[1][2].

[1]. Harborne JB, et, al. Leaf survey of flavonoids and simple phenols in the genus Rhododendron. Phytochemistry. 1971 Nov; 10(11): 2727-2744. [2]. The medicinal usage of azaleatin. CN107375268A.

Caution: Product has not been fully validated for medical applications. For research use only.

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