
Product Data Sheet

Product Name: Sotetsuflavone

Cat. No.: GC33147

Chemical Properties

Cas. No. 2608-21-1

SMILES O=C1C=C(C2=CC=C(O)C=C2)OC3=C(C4=CC(C5=CC(C6=C(O)C=C(O)C=C6O5)=O)=CC=C4O)C(OC)=CC(O)=C13

Formula C₃₁H₂₀O₁₀

M.Wt

552.48

Solubility Soluble in DMSO

Storage

Store at -20°C

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

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

Structure

Background

Sotetsuflavone is a potent inhibitor of DENV-NS5 RdRp (Dengue virus NS5 RNA-dependent RNA polymerase) with an IC₅₀ of 0.16 μM, is the most active compound of this series .

[1]. Coulerie P et al. Structure-activity relationship study of biflavonoids on the Dengue virus polymerase DENV-NS5 RdRp. *Planta Med.* 2013 Sep;79(14):1313-8. [2]. Li SH et al. Chemical constituents from *Amentotaxus yunnanensis* and *Torreyayunnanensis*. *J Nat Prod.* 2003 Jul;66(7):1002-5.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA