
Product Data Sheet

Product Name: Cassiaside C

Cat. No.: GC60673

Chemical Properties

Cas. No. 119170-52-4

SMILES OC1=C(C(O2)=O)C(C=C2C)=CC3=C1C(O[C@@H]([C@@H]([C@H]4O)O)[C@@H]([C@H]4O)CO[C@@H]([C@@H]([C@H]5O)O)O[C@@H]([C@H]5O)CO)=CC(OC)=C3

Formula C₂₇H₃₂O₁₅

M.Wt

596.53

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**

Cassiaside C (Toralactone 9-O-β-D-gentiobioside) is a naphthopyrone isolated from the seed of Cassia tora and has inhibitory activity on advanced glycation end products (AGE) formation in vitro[1].

[1]. Yu-Lin Diao, et al. A new comprehensive procedure for the quality control of Semen Cassiae and its application in evaluating commercially available material in China. Chin J Nat Med. 2013 Jul;11(4):433-41. [2]. Dong Ho Jung, et al. Extract of Cassiae Semen and its major compound inhibit S100b-induced TGF-beta1 and fibronectin expression in mouse glomerular mesangial cells. Eur J Pharmacol. 2010 Sep 1;641(1):7-14.

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

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