
Product Data Sheet

Product Name: Sennoside D
Cat. No.: GN10303

Chemical Properties

Cas. No. 37271-17-3

Chemical Name 4-hydroxy-9-[4-hydroxy-2-(hydroxymethyl)-10-oxo-5-[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-9H-anthracen-9-yl]-10-oxo-5-(hydroxymethyl)oxan-2-yl]oxy-9H-anthracene-2-carboxylic acid

SMILES C1=CC2=C(C(=C1)OC3C(C(C(C(O3)CO)O)O)O)C(=O)C4=C(C=C(C=C4C2C5C6=C(C(=CC=C6)OC7C(C(C(C(O7)CO)O)O)O)C(=O)C8=

Formula C₄₂H₄₀O₁₉

M.Wt

Solubility DMSO : ≥ 50 mg/mL (58.91 mM)

Storage

General 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 tips 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

Sennoside D is an anthraquinone glycoside, found in leaves and pods of Senna (Cassia angustifolia)[1].

References:

[1]. Rama Reddy NR, et al. Next Generation Sequencing and Transcriptome Analysis Predicts Biosynthetic Pathway of Sennosides from Senna (Cassia angustifolia Vahl.), a Non-Model Plant with Potent Laxative Properties. PLoS One. 2015 Jun 22;10(6):e0129422.

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

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