
Product Data Sheet

Product Name: Casanthranol

Cat. No.: GC15997

Chemical Properties

Cas. No. 8024-48-4

Chemical Name (10R)-1,8-dihydroxy-3-(hydroxymethyl)-10-[(2R,3R,4R,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-10H-anthracen-9-one

SMILES C1=CC2=C(C(=C1)O)C(=O)C3=C(C=C(C=C3C2OC4C(C(C(C(O4)CO)O)O)O)CO)OFormula C₂₁H₂₂O₁₀

M.Wt

434.39

Solubility ≥ 20.45mg/mL in DMSO

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**

Casanthranol is a mixture of anthranol glycosides that is isolated from the plant cascara sagrada (*Rhamnus purshiana*), which is also known as sacred bark. The constituents of casanthranol include cascaroside A. Casanthranol has been classified as containing two fractions, casanthranol A and casanthranol B.

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

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