



Physical Description: Gum

>>**Derivative:** 2",3"-Dihydro, 3"-hydroxy

Synonym(s): Garcinone C

CAS Registry Number: 76996-27-5

Molecular Formula: C₂₃H₂₆O₇

Molecular Weight: 414.454

Accurate Mass: 414.167855

Percentage Composition: C 66.65%; H 6.32%; O 27.02%

Biological Source: Form *Garcinia mangostana*

Physical Description: Yellow solid (MeOH)

Melting Point: Mp 216-218°

>>**Derivative:** 2",3"-Dihydro, 3"-hydroxy, O⁷-Me

Synonym(s): Garcinone D

CAS Registry Number: 107390-08-9

Molecular Formula: C₂₄H₂₈O₇

Molecular Weight: 428.481

Accurate Mass: 428.183505

Percentage Composition: C 67.28%; H 6.59%; O 26.14%

Biological Source: From *Garcinia mangostana*

Physical Description: Light yellow needles (MeOH)

Melting Point: Mp 202-204°

>>**Derivative:** 3,6-Di-Me ether

Synonym(s): 1,7-Dihydroxy-3,6-dimethoxy-2,8-diprenylxanthone

CAS Registry Number: 132031-39-1

Molecular Formula: C₂₅H₂₈O₆

Molecular Weight: 424.493

Accurate Mass: 424.18859

Percentage Composition: C 70.74%; H 6.65%; O 22.61%

Biological Source: Constit. of *Garcinia mangostana*

Physical Description: Pale yellow needles (MeOH)

Melting Point: Mp 192-194°

References:

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