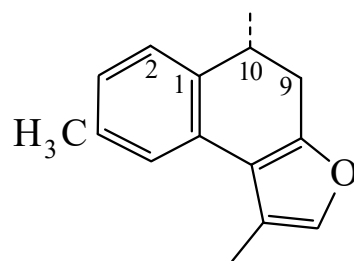




>>Entry Name: Chromolaenin

Synonym(s): Laevigatin



CAS Registry Number: 62502-10-7

Related CAS Registry Numbers(s): 74111-42-5

Molecular Formula: C₁₅H₁₆O

Molecular Weight: 212.291

Accurate Mass: 212.120115

Percentage Composition: C 84.87%; H 7.60%; O 7.54%

Biological Source: Constit. of *Chromolaena* spp. and of *Eupatorium laevigatum*

Physical Description: Cryst. (petrol)

Melting Point: Mp 74° (65-66°)

Boiling Point: Bp_{0.1} 120°

Optical Rotation: [α]_D²⁴+76.5 (c, 1.7 in CHCl₃) (+88)

>>Derivative: 9,10-Didehydro

Synonym(s): Dehydrochromolaenin

CAS Registry Number: 20013-76-7

Molecular Formula: C₁₅H₁₄O

Molecular Weight: 210.275

Accurate Mass: 210.104465

Percentage Composition: C 85.68%; H 6.71%; O 7.61%

Biological Source: Constit. of *Chromolaena laevigata*

Physical Description: Oil

>>Derivative: 1α,2-Dihydro

Synonym(s): Dihydroisochromolaenin

CAS Registry Number: 72943-86-3

Molecular Formula: C₁₅H₁₈O

Molecular Weight: 214.307

Accurate Mass: 214.135765

Percentage Composition: C 84.07%; H 8.47%; O 7.47%

Biological Source: Constit. of *Chromolaena arnottiana*

Physical Description: Oil

UV: [neutral] λ_{max} 281 () (Et₂O)

References:

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