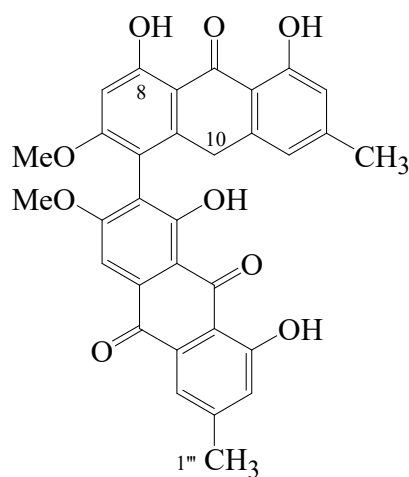




>>Entry Name: Floribundone 2

Synonym(s): 5,7-Physcionanthrone-physcion



CAS Registry Number: 118555-83-2

Molecular Formula: C<sub>32</sub>H<sub>24</sub>O<sub>9</sub>

Molecular Weight: 552.536

Accurate Mass: 552.142035

Percentage Composition: C 69.56%; H 4.38%; O 26.06%

Biological Source: Constit. of leaves of *Cassia floribunda*

>>Derivative: 10-Oxo

Synonym(s): Floribundone 1. 5,7'-Biphyscion

CAS Registry Number: 118555-84-3

Molecular Formula: C<sub>32</sub>H<sub>22</sub>O<sub>10</sub>

Molecular Weight: 566.52

Accurate Mass: 566.1213

Percentage Composition: C 67.84%; H 3.91%; O 28.24%

Biological Source: Constit. of the leaves of *Cassia floribunda*

Physical Description: Orange cryst. (MeOH)

Melting Point: Mp 260°

Optical Rotation:  $[\alpha]_D^{18} +130$  (c, 0.05 in CHCl<sub>3</sub>)

>>Derivative: Atropisomer

Synonym(s): (–)-Floribundone 2

Molecular Formula: C<sub>32</sub>H<sub>24</sub>O<sub>9</sub>

Molecular Weight: 552.536

Accurate Mass: 552.142035

Percentage Composition: C 69.56%; H 4.38%; O 26.06%

Biological Source: Constit. of *Cassia torosa*

Physical Description: Orange needles (C<sub>6</sub>H<sub>6</sub>)

Melting Point: Mp 300°

>>Derivative: 10-Oxo, atropisomer

Synonym(s): (–)-Floribundone 1

Molecular Formula: C<sub>32</sub>H<sub>22</sub>O<sub>10</sub>

Molecular Weight: 566.52

Accurate Mass: 566.1213

Percentage Composition: C 67.84%; H 3.91%; O 28.24%

Biological Source: Constit. of *Cassia torosa*

Physical Description: Orange needles (C<sub>6</sub>H<sub>6</sub>)

Melting Point: Mp 300°