



Molecular Weight: 330.293
Accurate Mass: 330.073955
Percentage Composition: C 61.82%; H 4.27%; O 33.91%
Biological Source: Constit. of *Calycadenia truncata*

>>Derivative: 6,7-Di-Me ether

Synonym(s): 4',5,8-Trihydroxy-6,7-dimethoxyflavone. **Isothymusin**

CAS Registry Number: 98755-25-0

Molecular Formula: C₁₇H₁₄O₇
Molecular Weight: 330.293
Accurate Mass: 330.073955
Percentage Composition: C 61.82%; H 4.27%; O 33.91%
Source/Synthesis: Obt. by rearr. of Thymusin
Biological Source: Constit. of *Becium grandiflorum*
Physical Description: No phys. props. reported

>>Derivative: 6,7-Di-Me ether, 8-*O*-β-D-glucopyranoside

Synonym(s): Isothymusin 8-glucoside

CAS Registry Number: 205682-11-7

Molecular Formula: C₂₃H₂₄O₁₂
Molecular Weight: 492.435
Accurate Mass: 492.12678
Percentage Composition: C 56.10%; H 4.91%; O 38.99%
Biological Source: Constit. of *Becium grandiflorum* and *Isodon eriocalyx*
UV: [neutral] λ_{max} 275 (); 294 (sh) (); 332 () (MeOH)

>>Derivative: 6,8-Di-Me ether

Synonym(s): 4',5,7-Trihydroxy-6,8-dimethoxyflavone. **Desmethoxysudachin.** Demethoxysudachitin

CAS Registry Number: 4323-80-2

Molecular Formula: C₁₇H₁₄O₇
Molecular Weight: 330.293
Accurate Mass: 330.073955
Percentage Composition: C 61.82%; H 4.27%; O 33.91%
Biological Source: Isol. from *Ambrosia deltoidea*, *Citrus sudachi*, *Hymenoxys scaposa* and *Mentha piperita*
Physical Description: Cryst. (EtOH)
Melting Point: Mp 277-279°

>>Derivative: 7,8-Di-Me ether

Synonym(s): 4',5,6-Trihydroxy-7,8-dimethoxyflavone. **Thymusin**

CAS Registry Number: 76844-66-1

Molecular Formula: C₁₇H₁₄O₇
Molecular Weight: 330.293
Accurate Mass: 330.073955
Percentage Composition: C 61.82%; H 4.27%; O 33.91%
Biological Source: Constit. of *Thymus membranaceus*
Physical Description: No phys. props. reported

>>Derivative: 7,8-Di-Me ether, 6-*O*-(2-methylpropanoyl)

Synonym(s): 6-Isobutyrylthymusin

Molecular Formula: C₂₁H₂₀O₈
Molecular Weight: 400.384
Accurate Mass: 400.11582
Percentage Composition: C 63.00%; H 5.03%; O 31.97%
Biological Source: Constit. of *Asarina procumbens*