



CAS Registry Number: 1111-39-3

Molecular Formula: C₄₃H₆₆O₁₄

Molecular Weight: 806.986

Accurate Mass: 806.44526

Percentage Composition: C 64.00%; H 8.24%; O 27.76%

Biological Source: From *Digitalis lanata*, *Digitalis purpurea* and other *Digitalis* spp.

Biological Use/Importance: Cardiotonic agent

Physical Description: Platelets (MeOH)

Melting Point: Mp 217-221°

Optical Rotation: [α]_D¹⁷+4.8 (Py). [α]_D¹⁷+24.5 (MeOH)

Calculated Log P Data: Log P 1.45 (uncertain value) (calc)

Other Data: Readily deacylates during extraction

>>**Derivative:** 12-Deoxy, 4"-Ac

Synonym(s): β -Acetyldigitoxin

Molecular Formula: C₄₃H₆₆O₁₄

Molecular Weight: 806.986

Accurate Mass: 806.44526

Percentage Composition: C 64.00%; H 8.24%; O 27.76%

Biological Source: Isol. from leaves of *Digitalis lanata* and *Digitalis purpurea*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 218-240°

Optical Rotation: [α]_D²⁰+16.2 (c, 1.1 in Py). [α]_D²²+26.7 (c, 0.58 in MeOH)

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