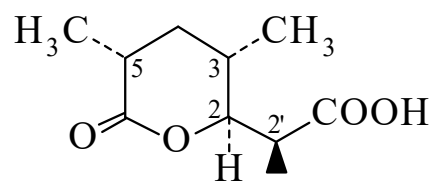




>>Entry Name: Tetrahydro- α ,3,5-trimethyl-6-oxo-2H-pyran-2-acetic acid

Synonym(s): 6-(1-Carboxyethyl)-3,4,5,6-tetrahydro-3,5-dimethyl-2-pyranone



Related CAS Registry Numbers(s): 75879-65-1

Molecular Formula: C₁₀H₁₆O₄

Molecular Weight: 200.234

Accurate Mass: 200.10486

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

>>Variant: (2S,3S,5R,2'S)-form

Synonym(s): Prelog-Djerassi lactone

CAS Registry Number: 69056-12-8

Molecular Formula: C₁₀H₁₆O₄

Molecular Weight: 200.234

Accurate Mass: 200.10486

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Source/Synthesis: Key degradn. prod. from Narbomycin [CJV44-V](#), Methymycin [CKH85-X](#), Neomethymycin [HDL03-X](#) and Picromycin [HCQ30-V](#)

Melting Point: Mp 124-125°

Optical Rotation: $[\alpha]_D^{21} +47.7$ (c, 1.9 in CHCl₃)

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