

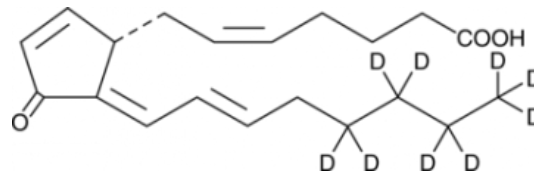


15-deoxy- $\Delta^{12,14}$ -Prostaglandin J₂-d₉

Cat No: 19347 - 100 μ g

General Data

Shipping:	dry ice
Formulation:	A solution in methyl acetate
Purity:	$\geq 99\%$ deuterated forms (d ₁ -d ₉)



Product Overview

15-deoxy- $\Delta^{12,14}$ -Prostaglandin J₂-d₉ (15-deoxy- $\Delta^{12,14}$ -PGJ₂-d₉) is intended for use as an internal standard for the quantification of 15-deoxy- $\Delta^{12,14}$ -PGJ₂ (Item No. 18570.1) by GC- or LC-MS. 15-deoxy- $\Delta^{12,14}$ -PGJ₂ is formed from PGD₂ (Item No. 12010) by the elimination of two molecules of water. It binds selectively to PPAR γ with an EC₅₀ value of 2 μ M in a murine chimera system.^{1428,1424} 15-deoxy- $\Delta^{12,14}$ -PGJ₂ is more potent than PGD₂, Δ^{12} -PGJ₂ (Item No. 18550), and PGJ₂ (Item No. 18500) in stimulating lipogenesis in C3H10T1/2 cells. The EC₅₀ for induction of adipocyte differentiation in cultured fibroblasts is 7 μ M.^{1428}

FP/06/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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