

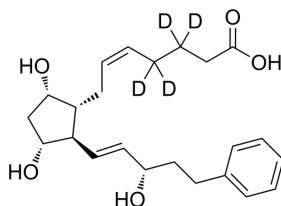
## Bimatoprost acid-d<sub>4</sub>

Cat. No.: HY-125774S  
 CAS No.: 58976-50-4  
 Batch No.: 275788  
 Chemical Name: 5-Heptenoic-3,3,4,4-d<sub>4</sub> acid, 7-[3,5-dihydroxy-2-(3-hydroxy-5-phenyl-1-pentenyl)cyclopentyl]-, [1R-[1α(Z),2β(1E,3S\*),3α,5α]]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>23</sub>H<sub>28</sub>D<sub>4</sub>O<sub>5</sub>  
 Molecular Weight: 392.52  
 Storage: -20°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Oil)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (HPLC): 95.25%  
 Isotopic Enrichment: 99.60%  
 Water(KF): 0.4%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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