

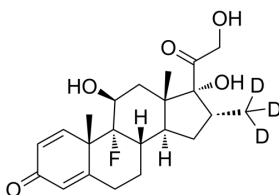
## Dexamethasone-d<sub>3</sub>-1

Cat. No.: HY-14648S5  
Batch No.: 394972  
Chemical Name: (8S,9R,10S,11S,13S,14S,16R,17R)-9-Fluoro-11,17-dihydroxy-17-(2-hydroxyacetyl)-10,13-dimethyl-16-(methyl-d<sub>3</sub>)-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>22</sub>H<sub>26</sub>D<sub>3</sub>FO<sub>5</sub>  
Molecular Weight: 395.48  
Storage: -20°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
Purity (HPLC): 98.02%  
Isotopic Enrichment: 99.8%  
Additional Information: d<sub>1</sub>=0.05%, d<sub>2</sub>=0.41%, d<sub>3</sub>=99.54%  
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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