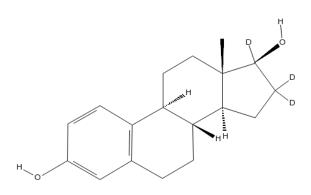
BioCrick Certificate of Analysis

| Product Name: | ?-Estradiol - d3 |
|-------------------------------------|---------------------------|
| Catalog Number: | BCC5365 |
| Batch Number: | KLKH12b01 |
| 1. PHYSICAL AND CHEMICAL PROPERTIES | |
| Molecular Formula: | C18H21D3O2 |
| Molecular Weight: | 275.40 |
| Purity: | >98% |
| Cas Number: | 79037-37-9 |
| 2. ANALYTICAL DATA | |
| HPLC: | Shows >98% purity |
| NMR: | Consistent with structure |
| 3. CHEMICAL STRUCTURE | |



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4. USAGE GUIDE

Storage: Store the product in sealed, cool and dry condition.

General tips: For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.

Authorized Signature:

Date:

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