

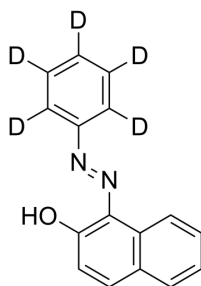
## Sudan I-d5

Cat. No.: HY-W019776  
 CAS No.: 752211-63-5  
 Batch No.: 132628  
 Chemical Name: 2-Naphthalenol, 1-(2-phenyl-2,3,4,5,6-d5-diazenyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_7D_5N_2O$   
 Molecular Weight: 253.31  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 6 months  
 -20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Orange to red (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.24%  
 Isotopic Enrichment:  $\geq 98.0\%$   
 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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