Certificate of Analysis

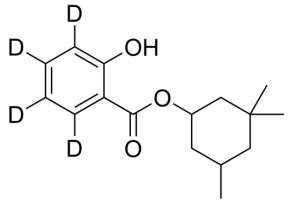
Homosalate-d_4

Cat. No.:	HY-B0928S
Batch No.:	366895
Chemical Name:	Homosalate-d4

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{16}H_{18}D_4O_3$		
Molecular Weight:	**266.37**		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	**99.95%**
Isotopic Enrichment:	98.7%
Additional Information:	d3=5.1%, d4=94.9%
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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