Certificate of Analysis

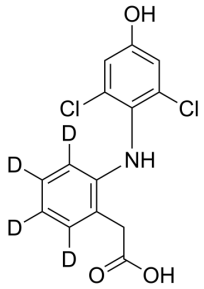
4'-Hydroxy diclofenac-d_4

Cat. No.:	HY-15550S
CAS No.:	254762-27-1
Batch No.:	411706
Chemical Name:	Benzene-2,3,4,5-d4-acetic acid, 6-[(2,6-dichloro-4-hydroxyphenyl)amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{14}H_7D_4Cl_2NO_3$		
Molecular Weight:	**316.17**		
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:	White to light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	**98.92%**
Isotopic Enrichment:	97.6%
Additional Information:	d3=9.7%, d4=90.3%
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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