Certificate of Analysis

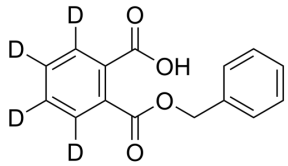
Monobenzyl phthalate-d_4

Cat. No.:	HY-W011848S
CAS No.:	478954-83-5
Batch No.:	279230
Chemical Name:	1,2-Benzene-3,4,5,6-d4-dicarboxylic acid, mono(phenylmethyl) ester-d4

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{15}H_8D_4O_4$		
Molecular Weight:	**260.28**		
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 off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.35%**
Isotopic Enrichment:	99.20%
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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