

**Product Name:**

**Deuterated Dimethyl terephthalate-2,3,5,6-d<sub>4</sub>**  
**(D%, 98+)**

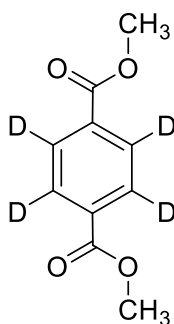
**Other names:** Dimethyl 1,4-benzenedicarboxylate;  
Terephthalic acid, dimethyl ester

**Product # d4DMT**

**Lot # P42671**

CAS Number: 74079-01-9

**Chemical structure:**

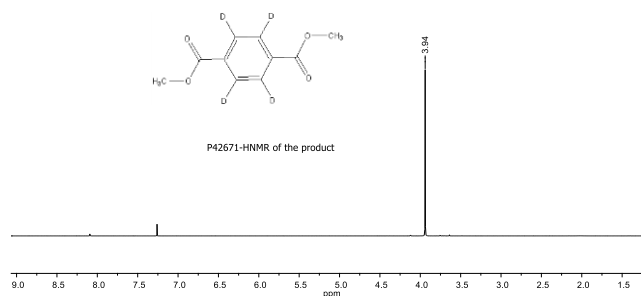


Linear Formula:	C <sub>10</sub> H <sub>6</sub> D <sub>4</sub> O <sub>4</sub>
Molecular Weight:	198.21
Chemical purity:	> 98 %
Isotopic enrichment:	D%, 98+
Appearance:	White flakes or powder

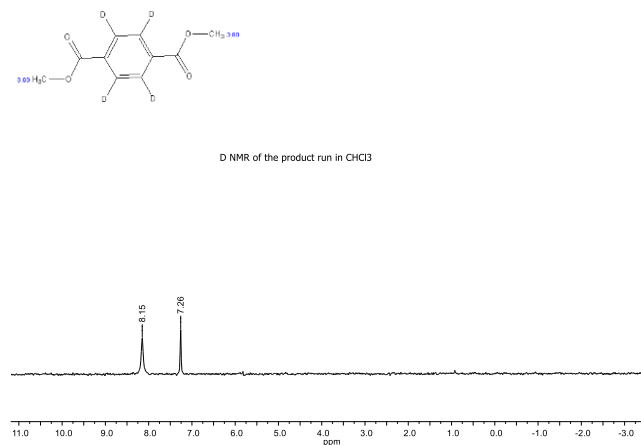
**Characterization:**

The product was validated by proton, deuterium NMR and FT-IR spectroscopies.

**<sup>1</sup>H NMR spectrum of product in chloroform-d:**



**D (<sup>2</sup>H) NMR spectrum of product in chloroform:**



**FT-IR spectra:**

