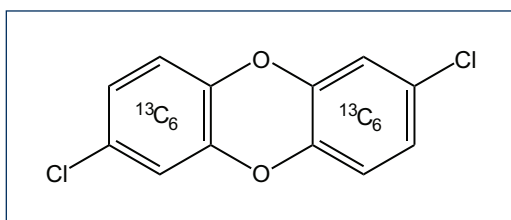
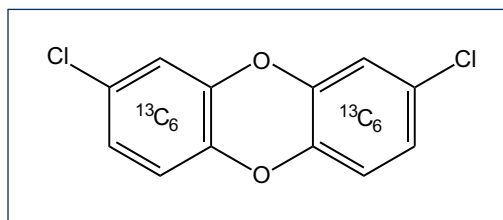


**NEW PRODUCTS****Certified Reference Standards for
Mass-Labelled 2,7- and 2,8-Dichlorodibenzo-*p*-dioxin**

The widespread use of triclosan (5-chloro-2-(2,4-dichlorophenoxy)phenol) in personal care products such as toothpastes and soaps has resulted in its release into the environment and subsequent detection in various water, sediment, and biological samples. The photochemical conversion of this commonly used antibacterial agent to 2,8-dichlorodibenzo-*p*-dioxin is well documented, but other degradation products are possible based on the chemical behaviour of structurally related polychlorinated phenols. When investigating triclosan degradation processes, the inability to separate the 2,7 and 2,8 positional isomers by gas chromatography has resulted in the analysis for these particular compounds being primarily performed using liquid chromatography coupled to mass spectrometry. In order to aid researchers in the study of degradation products of triclosan, **Wellington** has prepared certified mass-labelled reference standards for 2,7- and 2,8-dichlorodibenzo-*p*-dioxin.



MDD-27



MDD-28

Catalogue Number	Product (toluene)	Qty/Conc
MDD-27	2,7-Dichloro[¹³ C ₁₂]dibenzo- <i>p</i> -dioxin	1.2 ml 50 µg/ml
MDD-28	2,8-Dichloro[¹³ C ₁₂]dibenzo- <i>p</i> -dioxin	1.2 ml 50 µg/ml

Wellington also offers a variety of reference standards related to triclosan including mass-labelled and native versions of methyl triclosan (a biotransformation product) and native polychlorinated triclosan isomers (possibly formed during wastewater treatment processes). We also sell a wide range of native and mass-labelled polychlorinated dibenzo-*p*-dioxin reference standards to meet your analytical needs.

