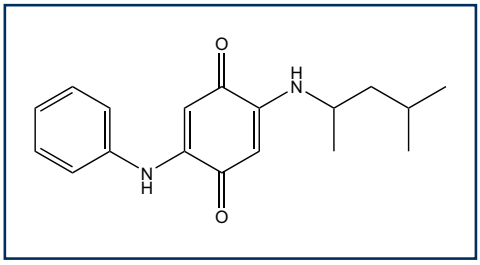
WELLINGTON Reporter
PRODUCT UPDATES FROM WELLINGTON LABORATORIES
November 2025

NEW PRODUCTS

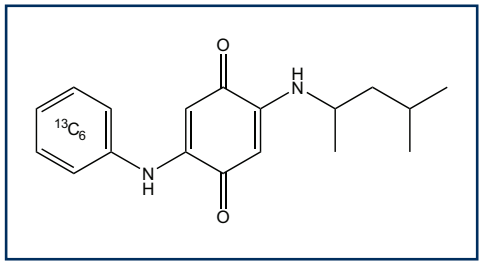
6PPD-Q – Native and Mass-Labelled

Antiozonants are a class of chemicals designed to prevent ozone degradation in a variety of rubber-based products. A popular antiozonant known as 6PPD has been added to tires and other consumer goods for decades. However, 6PPD reacts with ozone to form 6PPD-quinone, a toxic chemical that has been linked to the deaths of coho salmon in urban waterways. As tires wear down, runoff from roads and parking lots wash 6PPD-quinone into the environment where it can accumulate in bodies of water.

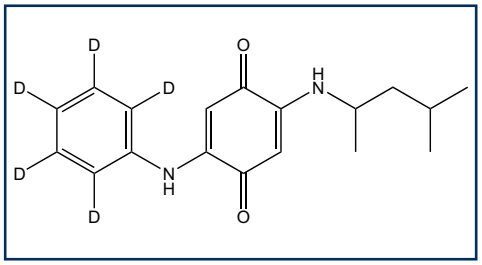
To support the analysis of 6PPD-quinone in aqueous matrices using U.S. EPA Draft Method 1634, **Wellington** has prepared certified reference standards for native, ^{13}C-labelled, and deuterated 6PPD-quinone (**6PPD-Q**, **M6PPD-Q**, and **d5-6PPD-Q**, respectively).



6PPD-Q



M6PPD-Q



d5-6PPD-Q

	Catalogue Number	Product (acetonitrile)	Qty	Conc
NEW	6PPD-Q	*rac*-N-(1,3-Dimethylbutyl)-N'-phenyl-*p*-phenylenediamine-quinone	1.2 mL	100 µg/mL
NEW	M6PPD-Q	*rac*-N-(1,3-Dimethylbutyl)-N'-($^{13}C_6$)phenyl-*p*-phenylenediamine-quinone	1.2 mL	100 µg/mL
NEW	d5-6PPD-Q	*rac*-N-(1,3-Dimethylbutyl)-N'-($^{2}H_5$)phenyl-*p*-phenylenediamine-quinone	1.2 mL	100 µg/mL

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