

Certificate of Analysis

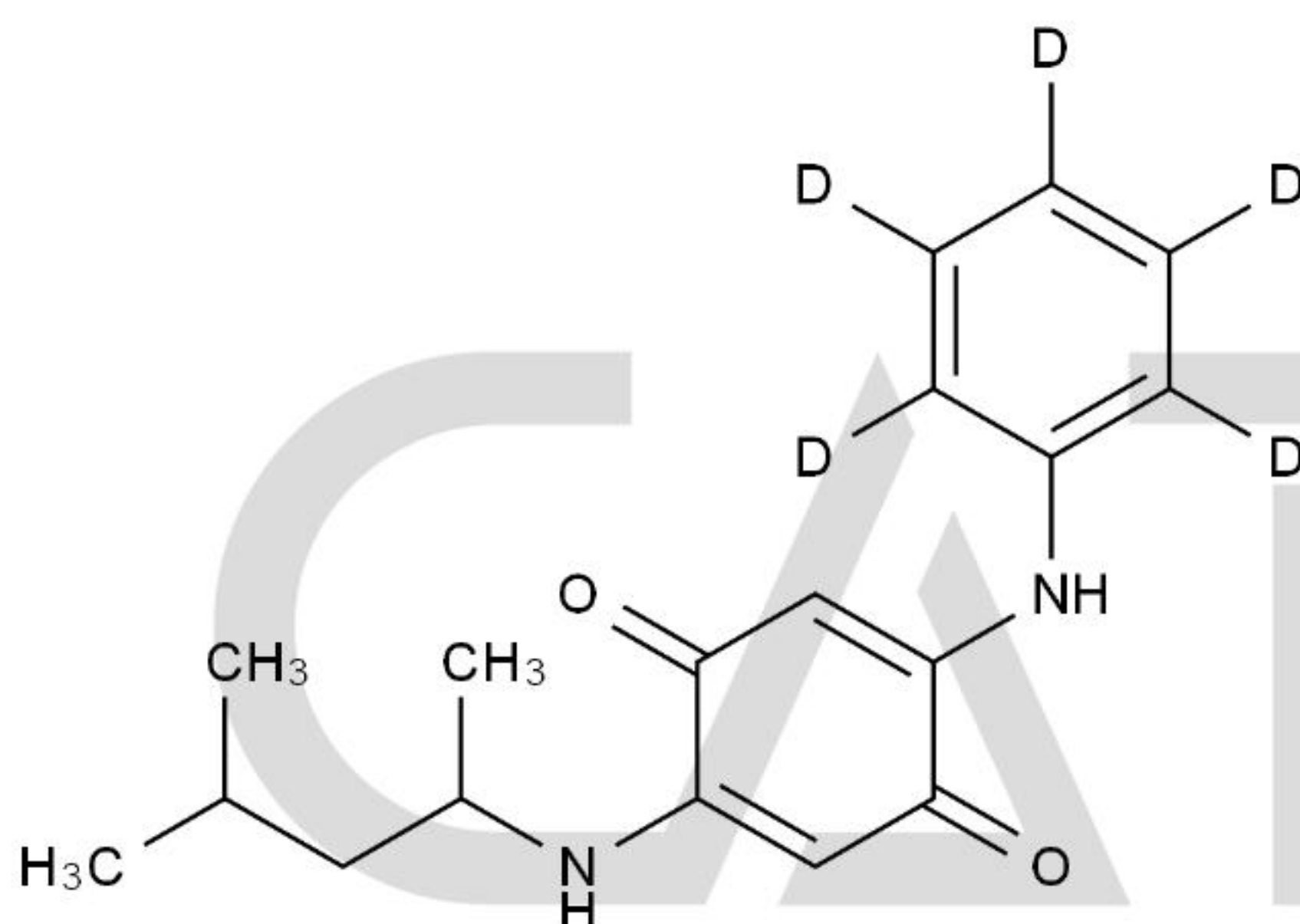
Reference Material & Standard

Product Name:	6PPD-quinone-D5	Catalogue Number:	CCHM704496
Synonyms:	N/A	Lot Number:	1022-RG-0066
CAS Number:	2750119-14-1	Expiry Date:	May 30, 2028
Molecular Formula:	C ₁₈ H ₁₇ D ₅ N ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	303.41		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Very Dark Red to Very Dark Brown Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	97.6%
Isotopic Purity		99.7%
Uncertainty		±0.5%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 23, 2025

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