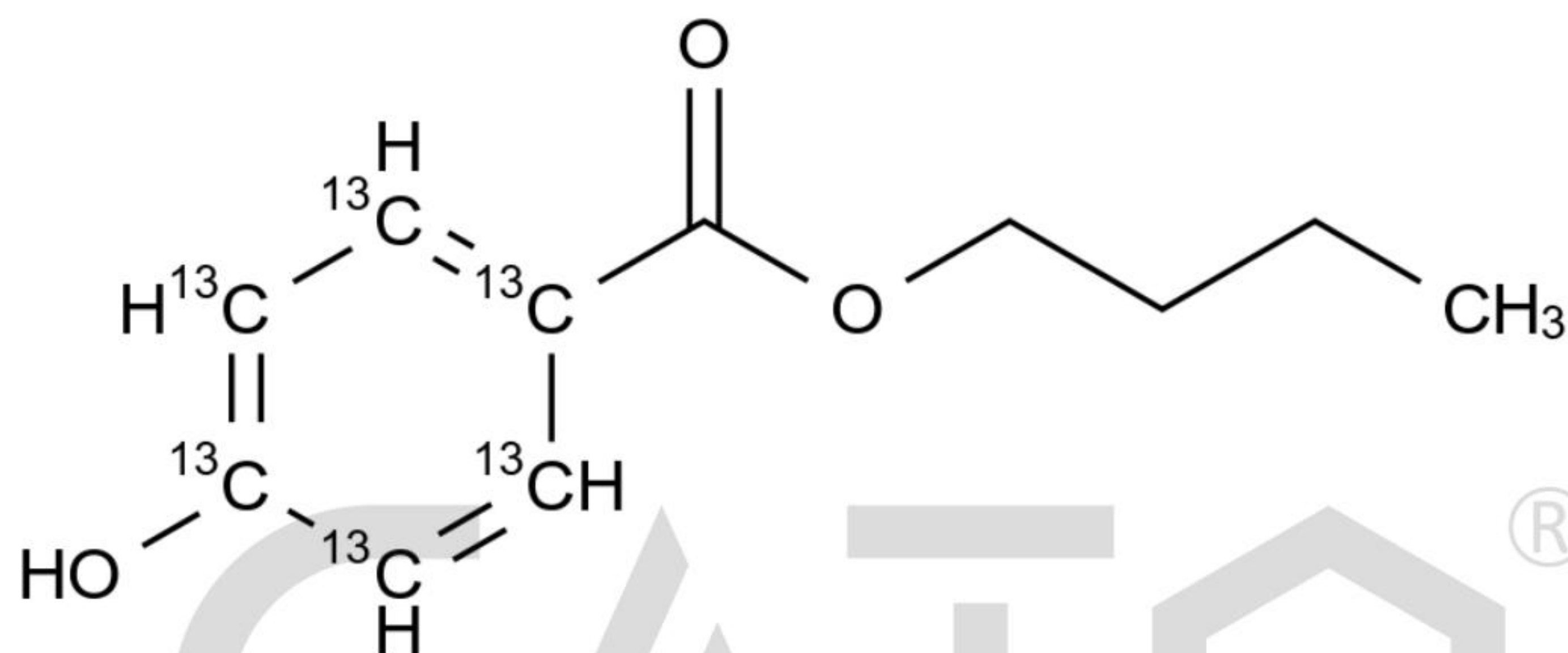


Certificate of Analysis

Reference Material

Product Name:	Butyl Paraben-13C6	Catalogue Number:	CCFD201106
Chemical Name:	N/A	Lot Number:	0708-RD-0068
CAS Number:	1416711-53-9	Expiry Date:	Jul 01, 2024
Molecular Formula:	C5[13C]6H14O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	200.18		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.8%
Isotopic Purity		99.1%
Uncertainty		±2.0%

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:

Xenia

Reviewed by:

Cady

Approved by General manager:

David

Date: Jul 30, 2020

Date: Jul 13, 2022

Date: Jul 13, 2022

