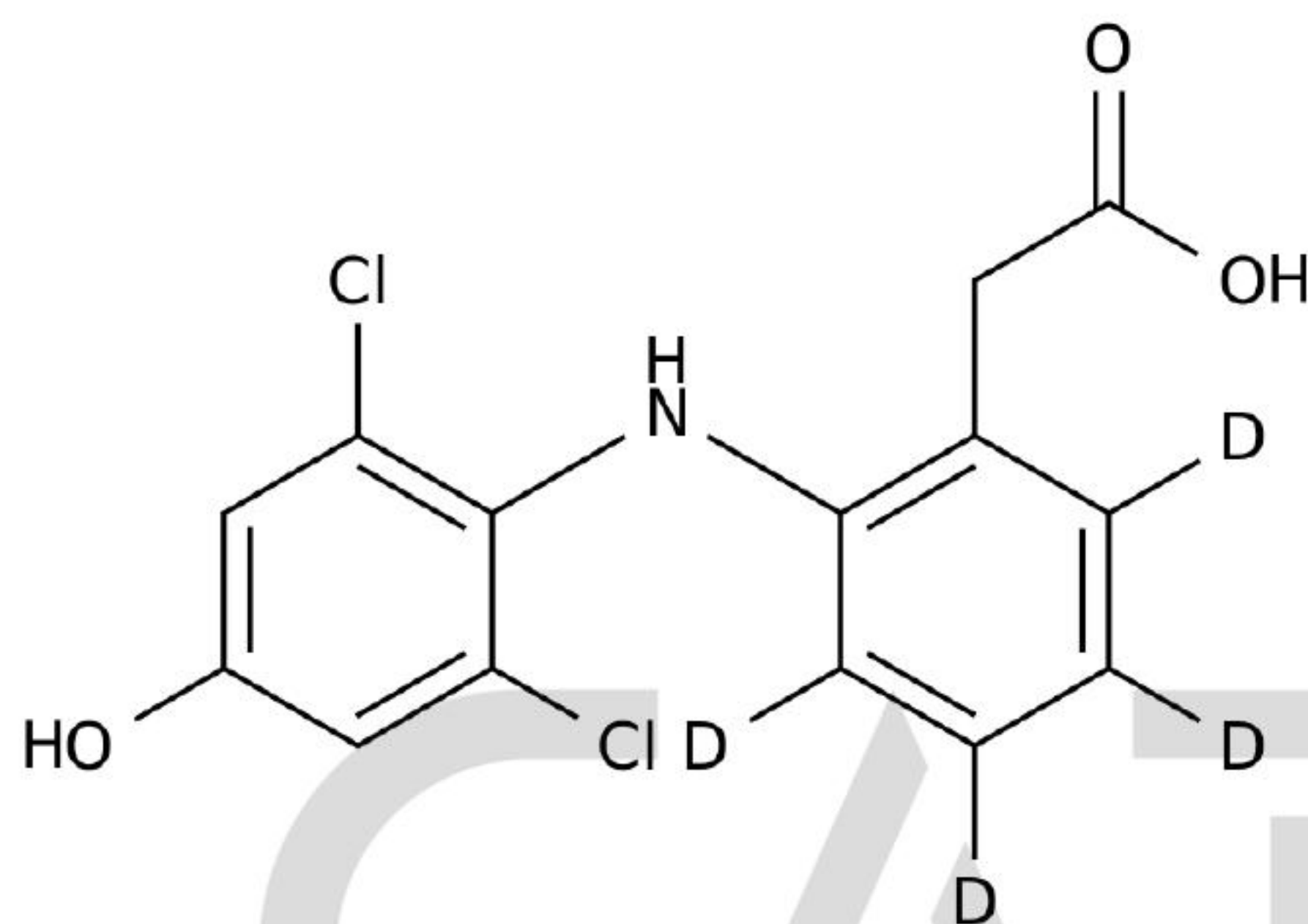


Certificate of Analysis

Reference Material

Product Name:	4'-Hydroxy Diclofenac-d4	Catalogue Number:	C4X-105130
Chemical Name:	N/A	Lot Number:	0926-RC-0053
CAS Number:	254762-27-1	Expiry Date:	Jun 03, 2024
Molecular Formula:	C14H7D4Cl2NO3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	316.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Purple Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	98.7258%
Isotopic Purity		99.8%
Water Content	Karl Fischer	0.5%
Residual Solvents	NMR	2.0% ethyl acetate
Assay		96.3%

Comment:

The calculation of the 100% method follows the formula:

$Assay (\%) = (100\% - Water\ Content - Residual\ Solvents) * Purity\ HPLC (\%) / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jun 05, 2020

Date: Jun 30, 2022

Date: Jun 30, 2022

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