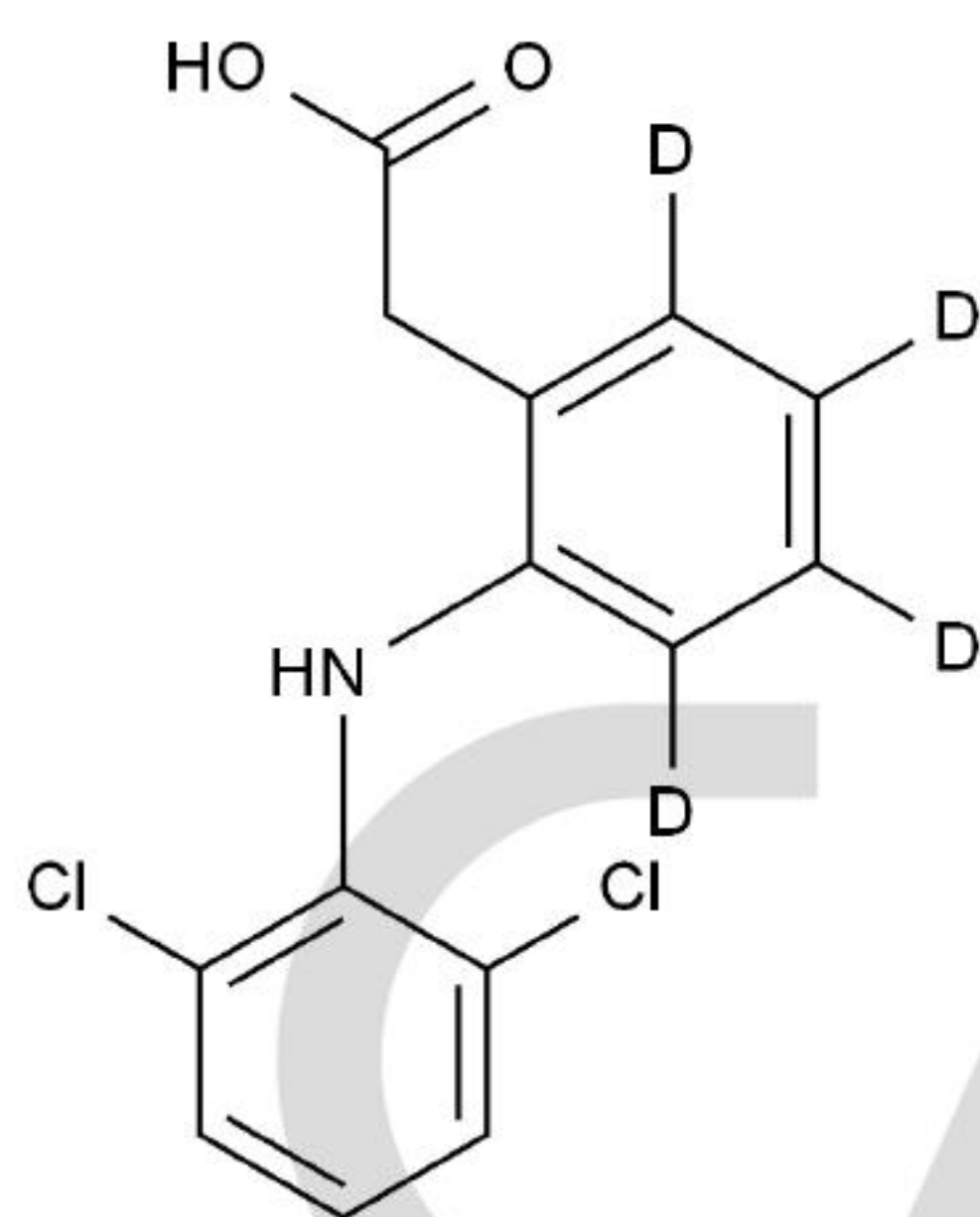


Certificate of Analysis

Reference Material & Standard

Product Name:	Diclofenac-d4 (phenyl-d4-acetic)	Catalogue Number:	CCAD301547
Synonyms:	N/A	Lot Number:	0722-RF-0041
CAS Number:	153466-65-0	Expiry Date:	Dec 11, 2025
Molecular Formula:	C ₁₄ H ₇ D ₄ Cl ₂ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	300.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	HRMS&HNMR	Confirmed
Chemical Purity	HPLC	99.0%
Isotopic Purity		97.8%
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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 31, 2024

Date: Jul 31, 2024

Date: Jul 31, 2024

