

Certificate of Analysis

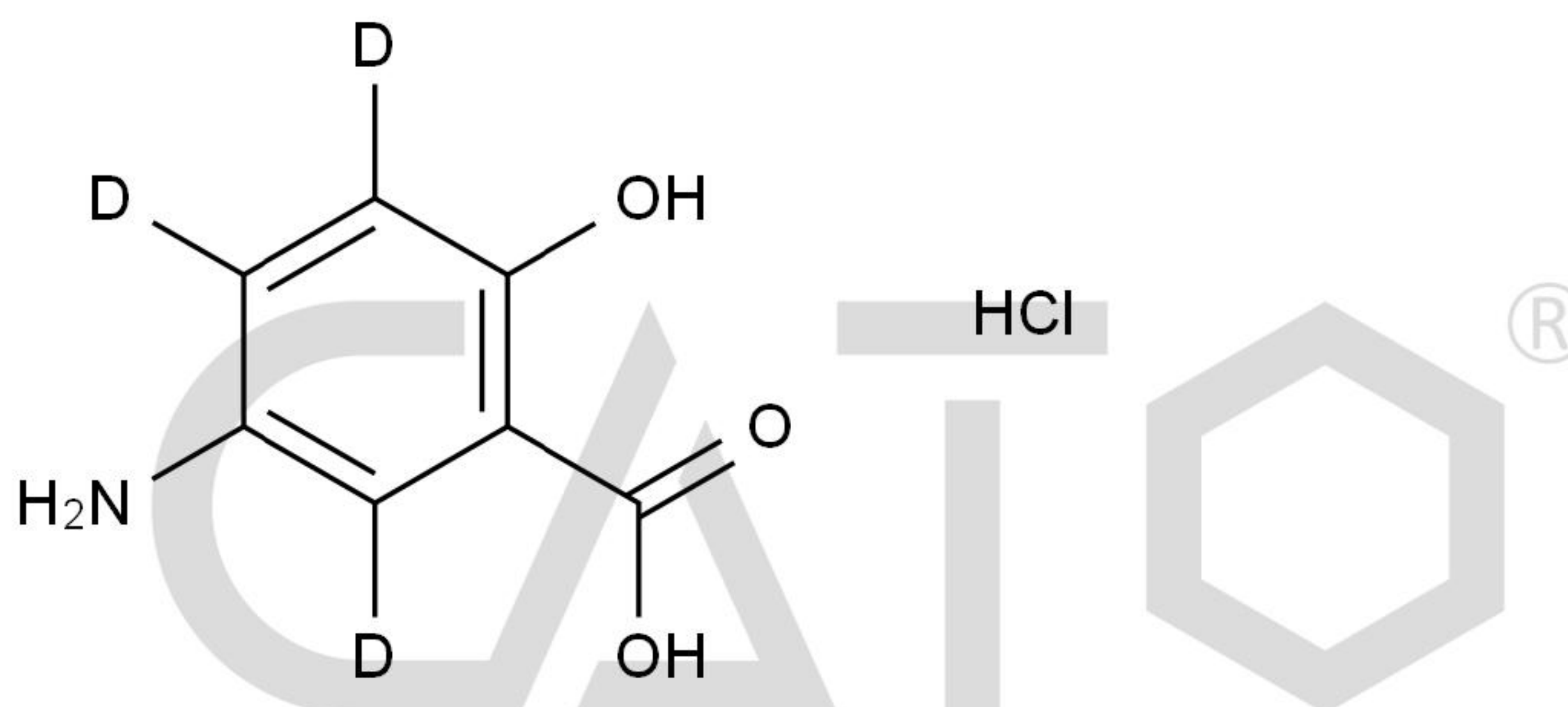
Reference Material & Standard

Product Name:	Mesalamine-d3 HCl	Catalogue Number:	C4X-16911
Synonyms:	N/A	Lot Number:	0102-RF-0003
CAS Number:	1346601-18-0	Expiry Date:	Jun 07, 2026
Molecular Formula:	C ₇ H ₄ D ₃ NO ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	156.15 36.46		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	100.0000%
Isotopic Purity		98.1
Water Content	Karl Fischer	0.60%
Residual Solvents	NMR	0.6% methanol
Assay		98.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 03, 2024

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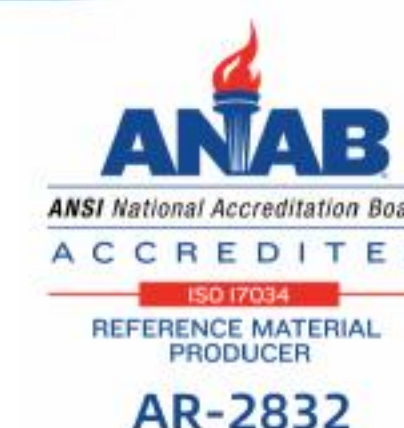
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