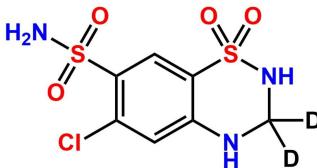


CERTIFICATE OF ANALYSIS

Date: 08-02-2026

Product Name	Hydrochlorothiazide D2		
Chemical Name	6-Chloro-3,4-dihydro-2H-benzo[e][1,2,4]thiadiazine-7-sulfonamide-3,3-d2 1,1-dioxide		
Structure	 <p>The chemical structure shows a benzene ring substituted with a chlorine atom (Cl) at position 6, a sulfonamide group (-NH-C(=O)-SO₂-NH₂) at position 7, and a dihydrothiadiazine ring fused to the benzene ring at positions 3 and 4. The dihydrothiadiazine ring has a nitrogen atom at position 1 and a sulfur atom at position 2, with a double bond between them. The nitrogen atom is also bonded to a methyl group (-CH₃) and a deuterium atom (-D).</p>		
Batch. No.	-	CAS No.	1219798-89-6
Analysis Date	-	Retest Date	5
Mol. Formula	C ₇ H ₆ D ₂ ClN ₃ O ₄ S ₂	Molecular Wt.	299.7
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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