

Certificate of Analysis

Product Name: AMOZ-D₅
VETRANAL™, analytical standard
Product Number: 33881
Batch Number: BCBV6630
Brand: Sigma-Aldrich
CAS Number: 1017793-94-0
Formula: C₈H₁₀D₅N₃O₃
Formula Weight: 206.25
Expiration Date: JUL 2020
Quality Release Date: 10 AUG 2017

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO OFF WHITE	WHITE
APPEARANCE (FORM)	POWDER OR CRYSTALS	CRYSTALS
PURITY (HPLC AREA %)	≥ 98.0%	99.6%
MELTING POINT	117 - 122 C	119C
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
ISOTOPIC ENRICHMENT(D)	≥ 98.0% D	> 98.0%
RESIDUAL SOLVENTS	≤ 1.0%	0%

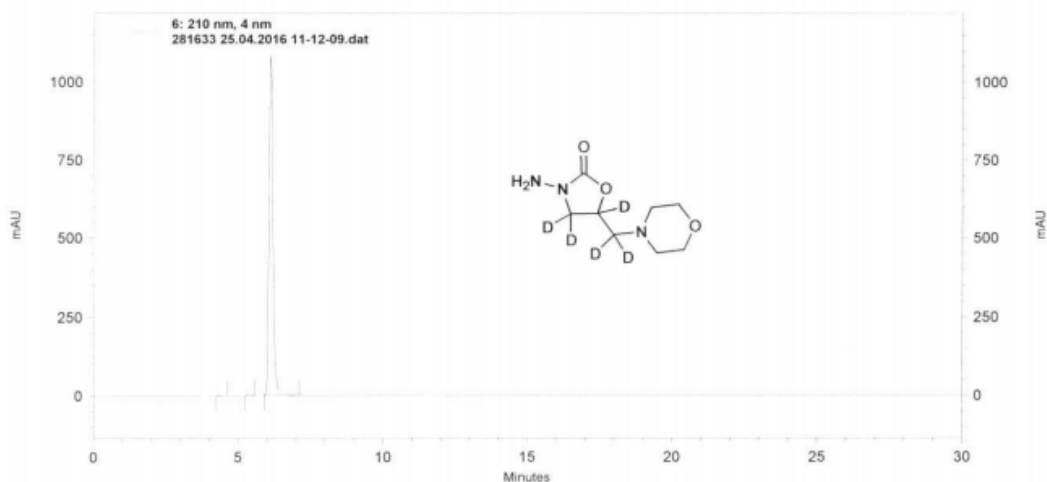


Dr. Claudia Geitner
Manager Quality Control
Buchs, Switzerland

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Data File: D:\HPLC_Daten\Listenprodukte\Data\AM0Z-D5\281633 25.04.2016 11-12-09.dat
 Method: D:\HPLC_Daten\Vorlage\Method\Wasser-Acetonitril 20-80_Luna_HILIC.met
 Acquired: 25.04.2016 11:12:40
 Printed: 25.04.2016 11:50:49
 Sample ID: 281633
 Column: Luna HILIC, 5µ, 250-4.6mm
 Flow rate: 0,6 ml/min
 Temperature: 25°C

Mobile Phase: 20% water 80% Acetonitril



**6: 210 nm, 4 nm
Results**

Retention Time	Height	Height Percent	Area	Area %
4,333	3722	0,086	40527	0,10
5,407	10436	0,240	104673	0,26
6,107	4328824	99,674	40844052	99,65