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## Product Data Sheet

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Product Name: 3-Amino-2-oxazolidinone-d4

Cat. No.: GC67902

### Chemical Properties

Cas. No. 1188331-23-8

Formula  $C_3H_2D_4N_2O_2$

M.Wt 106.12

Solubility DMSO : 25 mg/mL (235.58 mM; ultrasonic and warming and heat to 60°C)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

3-Amino-2-oxazolidinone-d4 is a deuterium labeled 3-Amino-2-oxazolidinone. 3-Amino-2-oxazolidinone (AOZ) is the metabolite of Furazolidone . 3-Amino-2-oxazolidinone is always be detected as an indicator of furazolidone residues<sup>[1][2]</sup>.

[1]. McCracken RJ, Spence DE, Floyd SD, Kennedy DG. Evaluation of the residues of furazolidone and its metabolite, 3-amino-2-oxazolidinone (AOZ), in eggs. Food Addit Contam. 2001;18(11):954-959.

[2]. Xi Ding, et al. Rapid and ultrasensitive detection of 3-amino-2-oxazolidinone in catfish muscle with indirect competitive enzyme-linked immunosorbent and immunochromatographic assays. Food and Agricultural Immunology.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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