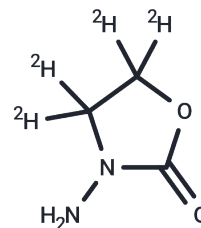


3-Amino-2-Oxazolidinone-D4

Chemical Properties

CAS No. :	1188331-23-8
Formula:	C ₃ H ₂ D ₄ N ₂ O ₂
Molecular Weight:	106.12
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Amino-2-Oxazolidinone-D4 is a deuterated compound of 3-Amino-2-Oxazolidinone. 3-Amino-2-Oxazolidinone (T9344) has a CAS number of 80-65-9. 3-Amino-2-oxazolidinone (AOZ) is the metabolite of Furazolidone. It is always be detected as a indicator of furazolidone residues in vivo.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.4233 mL	47.1165 mL	94.2329 mL
5 mM	1.8847 mL	9.4233 mL	18.8466 mL
10 mM	0.9423 mL	4.7116 mL	9.4233 mL
50 mM	0.1885 mL	0.9423 mL	1.8847 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Cheng CC, et al. Development and residue screening of the furazolidone metabolite, 3-amino-2-oxazolidinone (AOZ), in cultured fish by an enzyme-linked immunosorbent assay. J Agric Food Chem. 2009 Jul 8;57(13):5687-92.

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