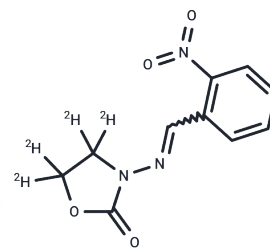


2-NP-AOZ-D4

Chemical Properties

CAS No. : 1007478-57-0
 Formula: C₁₀H₅D₄N₃O₄
 Molecular Weight: 239.22
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-NP-AOZ-D4 is a deuterated compound of 2-NP-AOZ. 2-NP-AOZ (T39396) has a CAS number of 19687-73-1. 2-NP-AOZ (T39396) is a chemical compound that is a 2-nitrophenyl derivative of AOZ, which is a tissue-bound metabolite of Furazolidone. 2-NP-AOZ (T39396) is specifically used for the determination of AOZ residues.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1803 mL	20.9013 mL	41.8025 mL
5 mM	0.8361 mL	4.1803 mL	8.3605 mL
10 mM	0.418 mL	2.0901 mL	4.1803 mL
50 mM	0.0836 mL	0.418 mL	0.8361 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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