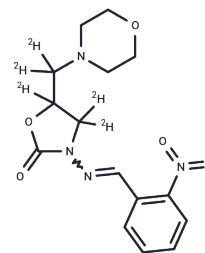


2-NP-AMAZ-D5

Chemical Properties

CAS No. : 1173097-59-0
 Formula: C₁₅H₁₃D₅N₄O₅
 Molecular Weight: 339.36
 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-AMAZ-D5 is a deuterated compound of 2-NP-AMAZ. 2-NP-AMAZ (T39270) has a CAS number of 183193-59-1. 2-NP-AMAZ (T39270) is a 2-nitrophenyl derivative of AMAZ, which is a metabolite of the antibiotic Furaltadone. This chemical compound specifically serves as a reliable tool for protein bound AMAZ detection.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9467 mL	14.7336 mL	29.4672 mL
5 mM	0.5893 mL	2.9467 mL	5.8934 mL
10 mM	0.2947 mL	1.4734 mL	2.9467 mL
50 mM	0.0589 mL	0.2947 mL	0.5893 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

Sheu SY, et, al. Development of a competitive ELISA for the detection of a furaltadone marker residue, 3-amino-5-morpholinomethyl-2-oxazolidinone (AMAZ), in cultured fish samples. J Vet Med Sci. 2012 Nov;74(11):1439-46.

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