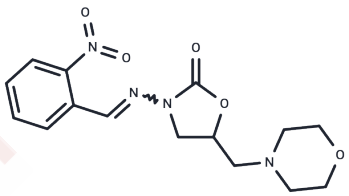
Data Sheet (Cat.No.T39270)

TargetMol

2-NP-AMOZ

Chemical Properties



CAS No. : 183193-59-1

Formula: C15H18N4O5

Molecular Weight: 334.33

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-AMOZ is a 2-nitrophenyl derivative of AMOZ, a metabolite of the antibiotic Furaltadone, serving as a reliable tool for protein-bound AMOZ detection.
Targets(IC50)	Others,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9911 mL	14.9553 mL	29.9106 mL
5 mM	0.5982 mL	2.9911 mL	5.9821 mL
10 mM	0.2991 mL	1.4955 mL	2.9911 mL
50 mM	0.0598 mL	0.2991 mL	0.5982 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 (AMOZ), in cultured fish samples. J Vet Med Sci. 2012 Nov;74(11):1439-46.
Li Z, et, al. Simultaneous detection of four nitrofuran metabolites in honey by using a visualized microarray screen assay. Food Chem. 2017 Apr 15;221:1813-1821.

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