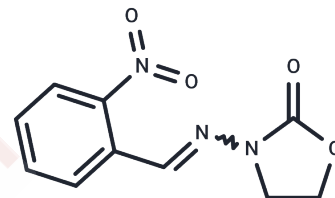


## 2-NP-AOZ

## Chemical Properties

CAS No. :	19687-73-1
Formula:	C10H9N3O4
Molecular Weight:	235.20
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 is a chemical compound that is a 2-nitrophenyl derivative of AOZ, which is a tissue-bound metabolite of Furazolidone. 2-NP-AOZ is specifically used for the determination of AOZ residues.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2517 mL	21.2585 mL	42.517 mL
5 mM	0.8503 mL	4.2517 mL	8.5034 mL
10 mM	0.4252 mL	2.1259 mL	4.2517 mL
50 mM	0.085 mL	0.4252 mL	0.8503 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.
- Li Z, et, al. Simultaneous detection of four nitrofurans metabolites in honey by using a visualized microarray screen assay. Food Chem. 2017 Apr 15;221:1813-1821.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481