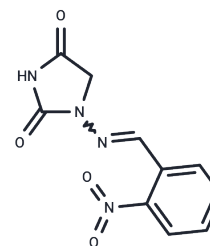


2-NP-AHD

Chemical Properties

CAS No. :	623145-57-3
Formula:	C10H8N4O4
Molecular Weight:	248.20
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-AHD, a 2-nitrophenyl derivative of AHD, is a metabolite of nitrofurans, a class of antibiotics, and serves as an indicator for the detection of illicit use of nitrofuran drugs.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.029 mL	20.145 mL	40.2901 mL
5 mM	0.8058 mL	4.029 mL	8.058 mL
10 mM	0.4029 mL	2.0145 mL	4.029 mL
50 mM	0.0806 mL	0.4029 mL	0.8058 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

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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