

## Product Datasheet

### 2-NP-AHD (orb1690407)

<b>Catalog Number</b>	orb1690407
<b>Category</b>	Small Molecules
<b>Description</b>	2-NP-AHD is a 2-nitrophenyl derivative of the nitrofurantoin metabolite AHD, used as a key biomarker for monitoring the illegal use of nitrofurantoin antibiotics. It is applied in analytical research for the development of detection methods in food safety and veterinary drug residue analysis, utilizing both in vitro immunoassays and chromatographic techniques.
<b>Target</b>	Others, Drug Metabolite
<b>MW</b>	248.20
<b>CAS Number</b>	623145-57-3
<b>Formula</b>	C <sub>10</sub> H <sub>8</sub> N <sub>4</sub> O <sub>4</sub>
<b>SMILES</b>	O=C1CN(N=Cc2ccccc2N(=O)=O)C(=O)N1  w:4.3
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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