

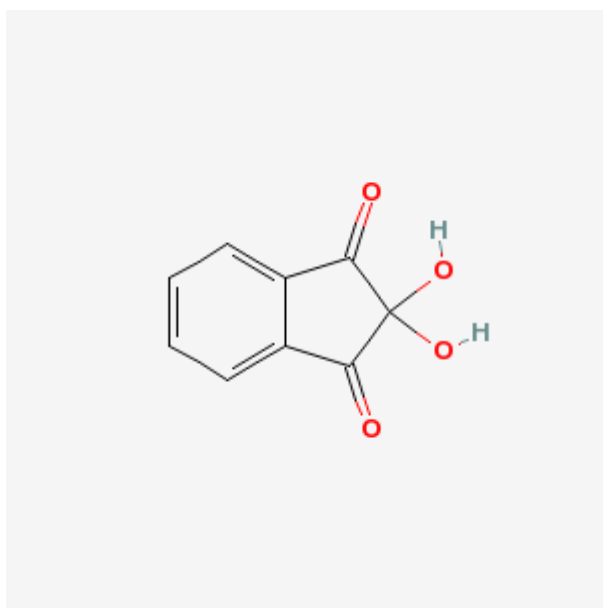


<select Language> bio:ニンヒドリン|日本語 bio:en:ninhydrin|English </select>

# Ninhydrin

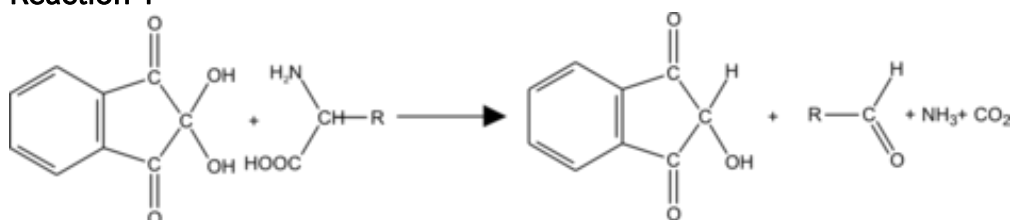
2,2-Dihydroxy-1H-indene-1,3-(2H)-dione. Reagent toxic to skin and mucus membranes. It is used in chemical assay for peptide bonds, i.e., protein determinations and has radiosensitizing properties.

<b>Name</b>	Ninhydrin <sup>1)</sup>
	Indan-1,2,3-trione
<b>MeSH</b>	 <a href="#">68009555</a>
<b>Molecular Weight</b>	178.14154 g/mol
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>6</sub> O <sub>4</sub>
<b>XLogP</b>	0.4
<b>CAS</b>	485-47-2
<b>m.p.</b>	241 °C (decomposition)
<b>safety</b>	 <a href="#">0766</a>

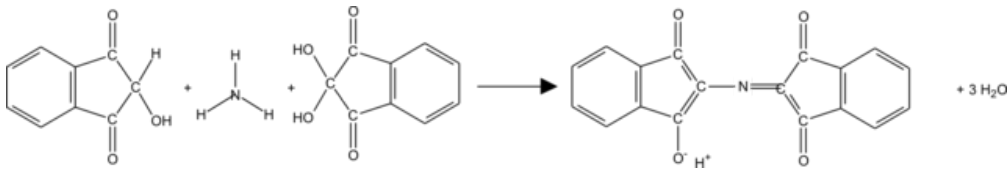


## Ninhydrin reaction

### Reaction 1



### Reaction 2



# Wikipedia

[ninhydrin](#)

[Amino acid](#)

<sup>1)</sup>

2,2-dihydroxyindene-1,3-dione

From:

<https://bio.edu-wiki.org/> - BioWiki

Permanent link:

<https://bio.edu-wiki.org/en/ninhydrin>

Last update: 2013/06/09 10:10

