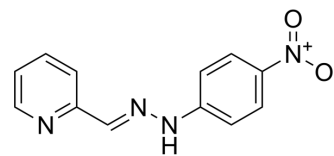


## Pyridine-2-carboxaldehyde 4-nitrophenylhydrazone

Cat. No.:	HY-W411361
CAS No.:	70421-66-8
Molecular Formula:	C <sub>12</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	242.23
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Pyridine-2-carboxaldehyde 4-nitrophenylhydrazone (PCNPH) is a chromogenic substrate to peroxidase enzymes. Pyridine-2-carboxaldehyde 4-nitrophenylhydrazone can form a purple indamine dye with peroxidase enzymes and peroxides <sup>[1]</sup> .
IC <sub>50</sub> & Target	Peroxidase enzymes <sup>[1]</sup>

### REFERENCES

[1]. Spyros Theodoropoulos, et al. Chromogenic substrate to peroxidase enzymes. US5215890A (example 1)

**Caution: Product has not been fully validated for medical applications. For research use only.**

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