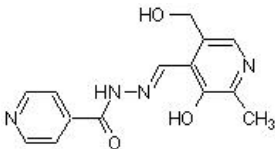


## Product datasheet

# Pyridoxal isonicotinoyl hydrazone (PIH), hydrazone iron chelator ab145871

[2 References](#) [1 Image](#)

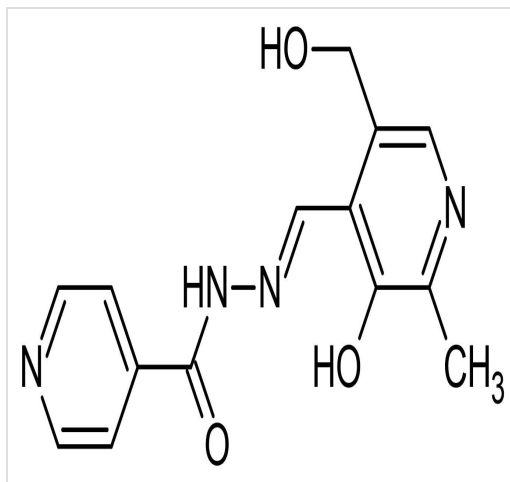
### Overview

<b>Product name</b>	Pyridoxal isonicotinoyl hydrazone (PIH), hydrazone iron chelator
<b>Description</b>	Cell-permeable non-toxic hydrazone iron chelator
<b>Purity</b>	> 99%
<b>CAS Number</b>	737-86-0
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	2-[[[3-Hydroxy-5-(hydroxymethyl)-2-methyl-4-pyridinyl]methylene]hydrazide 4-pyridinecarboxylic acid
<b>Molecular weight</b>	286.29
<b>Molecular formula</b>	C <sub>14</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub>
<b>PubChem identifier</b>	135409539
<b>Storage instructions</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	<chem>CC1=NC=C(C(=C1O)/C=N/NC(=O)C2=CC=NC=C2)CO</chem>
<b>Source</b>	Synthetic

## Images



Chemical Structure - Pyridoxal isonicotinoyl  
hydrazone (PIH), hydrazone iron chelator (ab145871)

2D chemical structure image of ab145871, Pyridoxal isonicotinoyl  
hydrazone (PIH), hydrazone iron chelator

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