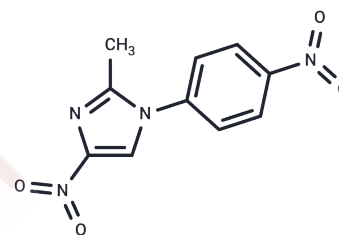


## Nitrefazole

## Chemical Properties

CAS No. : 21721-92-6  
 Formula: C<sub>10</sub>H<sub>8</sub>N<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 248.19  
 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	Nitrefazole, a 4-nitroimidazole derivative, exhibits potent and prolonged inhibition of aldehyde dehydrogenase (ALDH), an enzyme critical for alcohol metabolism.
Targets(IC50)	Others,Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0292 mL	20.1459 mL	40.2917 mL
5 mM	0.8058 mL	4.0292 mL	8.0583 mL
10 mM	0.4029 mL	2.0146 mL	4.0292 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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