

## Salinazid

## Chemical Properties

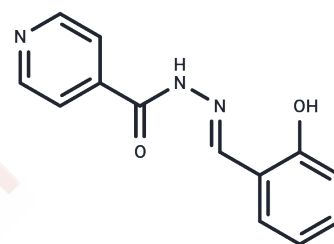
CAS No. : 495-84-1

Formula: C<sub>13</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 241.25

Storage: Store at low temperature, Keep away from moisture  
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	Salinazid (Salicylaldehyde isonicotinoyl hydrazone) is a potent Cu(II) ionophore which preferentially kills HepG2 cells over HUVEC cells, and is superior to clioquinol.
Targets(IC50)	Others, Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1451 mL	20.7254 mL	41.4508 mL
5 mM	0.829 mL	4.1451 mL	8.2902 mL
10 mM	0.4145 mL	2.0725 mL	4.1451 mL
50 mM	0.0829 mL	0.4145 mL	0.829 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.

## Reference

Ji Y, Dai F, Zhou B. Designing salicylaldehyde isonicotinoyl hydrazones as Cu(II) ionophores with tunable chelation and release of copper for hitting redox Achilles heel of cancer cells. *Free Radic Biol Med.* 2018 Dec;129:215-226. doi: 10.1016/j.freeradbiomed.2018.09.017. Epub 2018 Sep 18. PubMed PMID: 30240704.

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