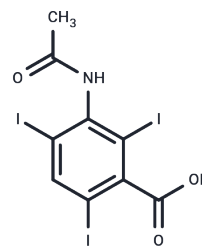


## Acetrizoic acid

## Chemical Properties

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| CAS No. :         | 85-36-9                                                      |
| Formula:          | C <sub>9</sub> H <sub>6</sub> I <sub>3</sub> NO <sub>3</sub> |
| Molecular Weight: | 556.86                                                       |
| Appearance:       | no data available                                            |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year     |



## Biological Description

|               |                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------|
| Description   | Acetrizoic acid (Urokon) is the first monomeric ionic compound used as an X-ray contrast agent. |
| Targets(IC50) | Others                                                                                          |

## Solubility Information

|            |                                                                                               |
|------------|-----------------------------------------------------------------------------------------------|
| Solubility | DMSO: 55 mg/mL (98.77 mM),<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|-----------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.7958 mL | 8.9789 mL | 17.9578 mL |
| 5 mM  | 0.3592 mL | 1.7958 mL | 3.5916 mL  |
| 10 mM | 0.1796 mL | 0.8979 mL | 1.7958 mL  |
| 50 mM | 0.0359 mL | 0.1796 mL | 0.3592 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.

## Reference

MCCONNELL F, MERSEREAU WA. J Can Assoc Radiol. 1964 Mar;15:14-22.

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