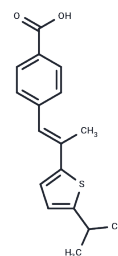


## Namirotene

## Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 101506-83-6                                              |
| Formula:          | C <sub>17</sub> H <sub>18</sub> O <sub>2</sub> S         |
| Molecular Weight: | 286.39                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



## Biological Description

|               |                                                                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Namirotene (CBS 211A) is a protein biosynthesis inhibitor, a synthetic retinoic acid analog that is used in the study of corneal diseases, corneal ulcers and dry eye syndrome. |
| Targets(IC50) | Others                                                                                                                                                                          |

## Solubility Information

|            |                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 60 mg/mL (209.5 mM)<br>( $< 1$ mg/mL refers to the product slightly soluble or insoluble) |
|------------|-------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.4917 mL | 17.4587 mL | 34.9174 mL |
| 5 mM  | 0.6983 mL | 3.4917 mL  | 6.9835 mL  |
| 10 mM | 0.3492 mL | 1.7459 mL  | 3.4917 mL  |
| 50 mM | 0.0698 mL | 0.3492 mL  | 0.6983 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

Taimi M, et al. The retinoic acid analog CBS-211A potentiates the 1  $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub>-induced differentiation of U937 cells. Agents Actions. 1993 Jan;38(1-2):91-9.

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