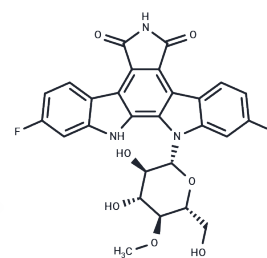


## Fluoroindolocarbazole A

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 138829-50-2   |
| Formula:          | C <sub>27</sub> H <sub>21</sub> F <sub>2</sub> N <sub>3</sub> O <sub>7</sub>  |
| Molecular Weight: | 537.47  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Fluoroindolocarbazole A is produced by the bacterium <i>Saccharothrix aerocolonigenes</i> (ATCC 39243). This compound exhibits anti-tumor properties. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.8606 mL | 9.3028 mL | 18.6057 mL |
| 5 mM  | 0.3721 mL | 1.8606 mL | 3.7211 mL  |
| 10 mM | 0.1861 mL | 0.9303 mL | 1.8606 mL  |
| 50 mM | 0.0372 mL | 0.1861 mL | 0.3721 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.

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