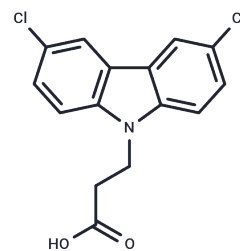


## 3-(3,6-dichloro-9H-carbazol-9-yl)propanoic acid

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 300816-42-6   |
| Formula:          | C <sub>15</sub> H <sub>11</sub> Cl <sub>2</sub> NO <sub>2</sub>   |
| Molecular Weight: | 308.159   |
| 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   | 3-(3,6-dichloro-9H-carbazol-9-yl)propanoic acid (DCPPA) is an ASIC3 inhibitor that effectively blocks ASIC3-mediated pain and inflammation. It has been shown to have potential applications in the treatment of other diseases such as stroke, epilepsy and cancer. |
| Targets(IC50) | Others   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: 55 mg/mL (178.48 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.2451 mL | 16.2253 mL | 32.4507 mL |
| 5 mM  | 0.649 mL  | 3.2451 mL  | 6.4901 mL  |
| 10 mM | 0.3245 mL | 1.6225 mL  | 3.2451 mL  |
| 50 mM | 0.0649 mL | 0.3245 mL  | 0.649 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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