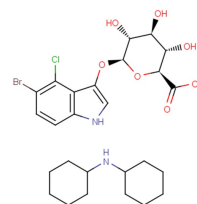


## X-Gluc Dicyclohexylamine

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No.:          | 18656-96-7   |
| Formula:          | C <sub>26</sub> H <sub>36</sub> BrClN <sub>2</sub> O <sub>7</sub>      |
| Molecular Weight: | 603.93   |
| Appearance:       | N/A  |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | X-Gluc Dicyclohexylamine is a reagent to detect $\beta$ -glucuronidase and widely used in molecular biology experiments to mark and select the expression of target genes (GUS reporter system). |
| Targets(IC <sub>50</sub> ) | Others: None   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: 30 mg/mL (49.67 mM)<br>( < 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg      | 5mg      | 10mg      |
|-------|----------|----------|-----------|
| 1 mM  | 1.656 mL | 8.279 mL | 16.558 mL |
| 5 mM  | 0.331 mL | 1.656 mL | 3.312 mL  |
| 10 mM | 0.166 mL | 0.828 mL | 1.656 mL  |
| 50 mM | 0.033 mL | 0.166 mL | 0.331 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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

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