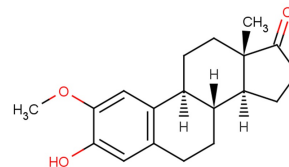


## 2-Methoxyestrone

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No.:          | 362-08-3   |
| Formula:          | C <sub>19</sub> H <sub>24</sub> O <sub>3</sub>                         |
| Molecular Weight: | 300.39   |
| Appearance:       | N/A  |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | 2-Methoxyestrone is a methoxylated catechol estrogen and metabolite of estrone (pKa: 10.81). |
| Targets(IC <sub>50</sub> ) | Human Endogenous Metabolite: None  |

## Solubility Information

|            |   |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

## Preparing Stock Solutions

|       | 1mg      | 5mg       | 10mg     |
|-------|----------|-----------|----------|
| 1 mM  | 3.329 mL | 16.645 mL | 33.29 mL |
| 5 mM  | 0.666 mL | 3.329 mL  | 6.658 mL |
| 10 mM | 0.333 mL | 1.665 mL  | 3.329 mL |
| 50 mM | 0.067 mL | 0.333 mL  | 0.666 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.

## Reference

1. Lewis KM, et al. pKa values of estrone, 17 beta-estradiol and 2-methoxyestrone. Steroids. 1979 Nov;34(5):485-99.

Inhibitors · Natural Compounds · Compound Libraries

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

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481