

## Raloxifene 6-Monomethyl Ether Biochemical

Raloxifene 6-Monomethyl Ether

CATALOG #  
**AAA227898**

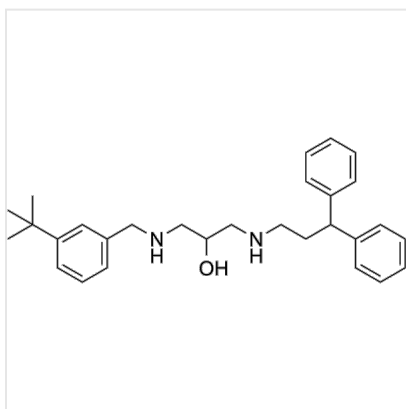
### PRODUCT SYNONYMS

Raloxifene 6-Monomethyl Ether; Raloxifene 6-Monomethyl Ether biochemical

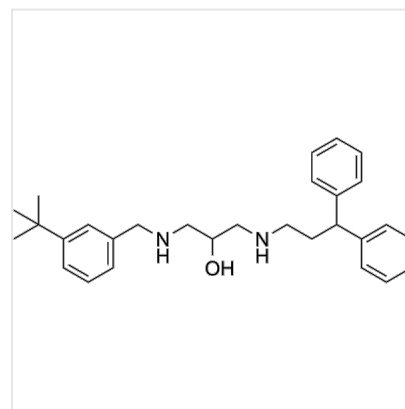
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                          |
| CAS                     | 178451-13-3                                                                                                                                                                                                                                  |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                  |
| In vitro                | Raloxifene 6-Monomethyl Ether (Compound 7) is a Raloxifene derivative with a methoxy group on C6. Raloxifene 6-Monomethyl Ether holds poor IC <sub>50</sub> value because of disruption to the hydrogen bond network and steric disfavor[1]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                     |

### IMAGES



Structure  
Multitarget AD inhibitor-1, CAS 2205015-77-4



Structure  
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### ADDITIONAL INFORMATION

|                                                                           |                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Raloxifene 6-Monomethyl Ether biochemical | Raloxifene 6-Monomethyl Ether (Compound 7) is a Raloxifene derivative that inhibits estrogen receptor alpha. Raloxifene 4-Monomethyl Ether inhibits MCF-7 cells with an IC <sub>50</sub> of 250 nM and a pIC <sub>50</sub> of 6.6.         |
| References                                                                | 1. Dawid Panek, et al. Design, Synthesis, and Biological Evaluation of 1-Benzylamino-2-hydroxyalkyl Derivatives as New Potential Disease-Modifying Multifunctional Anti-Alzheimer's Agents. ACS Chem Neurosci. 2018 May 16;9(5):1074-1094. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

