

## 4',2-Dihydroxy-4,6-dimethoxydihydrochalcone Biochemical

4',2-Dihydroxy-4,6-dimethoxydihydrochalcone

CATALOG #  
AAA227770

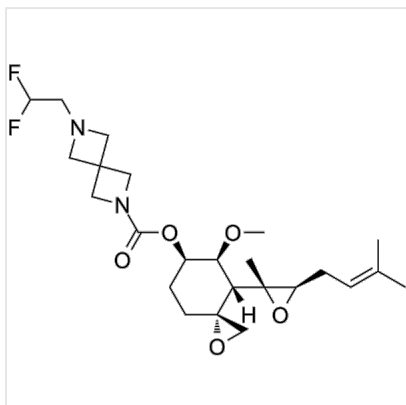
### PRODUCT SYNONYMS

4'; 2-Dihydroxy-4; 6-dimethoxydihydrochalcone; 6-dimethoxydihydrochalcone biochemical

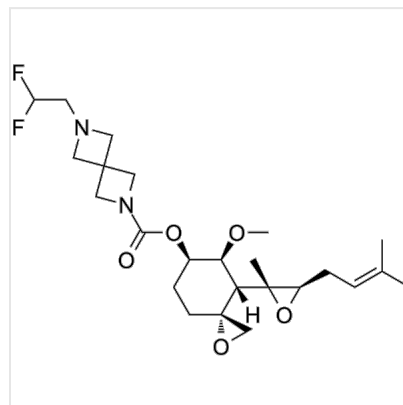
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                 |
| CAS                     | 151752-07-7                                                                                                                                         |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                         |
| In vitro                | 4',2-Dihydroxy-4,6-dimethoxydihydrochalcone stimulates the MCF-7 cell proliferation in a concentration dependent manner between 10 nM and 10 uM[1]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                            |

### IMAGES



Structure  
Relzomostat, CAS 2081078-92-2



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Relzomostat, CAS 2081078-92-2

### ADDITIONAL INFORMATION

#### Related Product Information for 4',2-Dihydroxy-4,6-dimethoxydihydrochalcone biochemical

4',2-Dihydroxy-4,6-dimethoxydihydrochalcone, an estrogen agonist, shows binding affinity for bovine uterine estrogen receptor with an IC 50 of 15 uM.

#### References

1. Zahler, Robert; Vath, James E. Preparation of fumagillol spirocyclic and fused bicyclic compounds and their use as MetAP2 inhibitors. WO2017027687A1

**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.