

## Myrciacetin Biochemical

Myrciacetin

CATALOG #  
**AAA228050**

### PRODUCT SYNONYMS

Myrciacetin; Myrciacetin biochemical

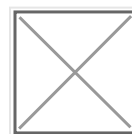
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                  |
| CAS                     | 203734-35-4                                                                                                                                                                                                                                                                                          |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                          |
| In vitro                | Aldose reductase catalyzes the reduction of glucose to sorbitol in the polyol pathway and is related to chronic complications such as peripheral neuropathy, retinopathy, and cataracts[1].Myrciacetin shows potent inhibitory activity against rat lens aldose reductase with an IC 50 of 13 uM[1]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                             |

### IMAGES



Structure  
Hu7691, CAS 2360523-76-6



Structure  
Hu7691, CAS 2360523-76-6

### ADDITIONAL INFORMATION

|                                                         |                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Myrciacetin biochemical | Myrciacetin is a flavonoid from Rhododendron dauricum. Myrciacetin is against rat lens aldose reductase with an IC 50 of 13 uM.                                                                                                                                               |
| References                                              | 1. Jinxin Che, et al. Discovery of N-((3 S,4 S)-4-(3,4-Difluorophenyl)piperidin-3-yl)-2-fluoro-4-(1-methyl-1 H-pyrazol-5-yl)benzamide (Hu7691), a Potent and Selective Akt Inhibitor That Enables Decrease of Cutaneous Toxicity. J Med Chem. 2021 Aug 26;64(16):12163-12180. |

**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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/myrciacetin/228050>