Hello Bio. Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



# **DATASHEET**

Ponasterone A

#### **Product overview**

Name Ponasterone A Cat No HB4033 **Purity** >95%

Description Ecdysone receptor (EcR) agonist

## **Biological Data**

**Biological description** 

A member of the ecdysteroid family. Ecdysone receptor (EcR) agonist. Analog of ecdysone with similar properties to muristerone A. Functional, reliable and economical substitute for muristerone A as an inducer for the ecdysone-inducible mammalian expression system. Induces expression of betagalactosidase to levels similar to those obtained with muristerone A induction. Potent compound for ecdysteroid activity. Insect steroid hormone involved in regulating metamorphosis.

## **Solubility & Handling**

Storage instructions Storage of solutions

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** 

**Important** 

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

#### **Chemical Data**

Molecular Weight **Chemical structure** 

13408-56-5

**CAS Number PubChem identifier** 

InChiKey

**SMILES** CC(C)CC[C@@H](O)[C@](C)(O)[C@H]1CC[C@@]2(O)C3=CC(=O)[C@@H]4C[C@@H](O)[C@W](O)[CW](O)[CW](O)[C@W](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[CW](O)[C

H](O)C[C@]4(C)[C@H]3CC[C@]12C PJYYBCXMCWDUAZ-JJJZTNILSA-N

**Appearance** White to off-white powder