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DATASHEET

Ponasterone A

Product overview

Name	Ponasterone A
Cat No	HB4033
Biological action	Agonist
Purity	>95%
Description	Ecdysone receptor (EcR) agonist

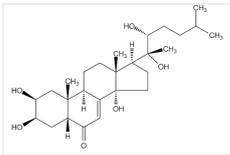
Biological Data

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 beta-galactosidase to levels similar to those obtained with muristerone A induction. Potent compound for ecdysteroid activity. Insect steroid hormone involved in regulating metamorphosis.
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Solubility & Handling

Storage instructions	+4 °C
Important	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	464.6
Chemical structure	
CAS Number	13408-56-5
PubChem identifier	0
SMILES	<chem>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@@H](O)C[C@]4(C)[C@H]3CC[C@]12C</chem>
InChiKey	PJYYBCXMCWUAZ-JJJZTNILSA-N
Appearance	White to off-white powder