

20-Hydroxyecdysone (Ecdysterone, β)

ALTERNATE NAME: Ecdysterone
 β -Ecdysone
2 β ,3 β ,14 α ,20 β ,22,25-Hexahydroxy-7-cholesten-6-one

CATALOG #: B2769-50 50 mg
B2769-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₄₄O₇

MOLECULAR WEIGHT: 480.63

CAS NUMBER: 5289-74-7

APPEARANCE: White to off-white solid

PURITY: \geq 95%

SOLUBILITY: ~30 mg/ml DMSO
~25 mg/ml Ethanol

DESCRIPTION: 20-Hydroxyecdysone (20E) is an important steroid hormone that controls embryonic development, molting, metamorphosis, and reproduction in members of the phylum Arthropoda. It acts through a heterodimeric receptor comprising the ecdysone receptor and the ultraspiracle proteins (USP).

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Ponasterone A (2183)
Muristerone A (2184)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*