

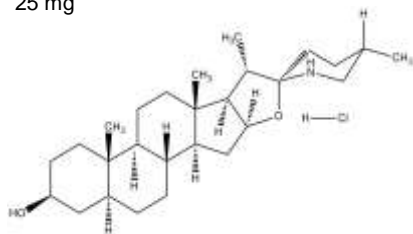
Tomatidine hydrochloride

ALTERNATE NAME: 3 β -Hydroxy-5 α -tomatidane hydrochloride, 5 α -Tomatidan-3 β -ol hydrochloride

CATALOG #: 1893-25

AMOUNT: 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₄₅NO₂ .HCl

MOLECULAR WEIGHT: 452.11

CAS NUMBER: 6192-62-7

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (2 mg/ml) or EtOH (2.5 mg/ml)

PURITY: \geq 90%

STORAGE: Store at -20 °C

DESCRIPTION: Tomatidine is a steroidal alkaloid found in the skins of unripe tomatoes. Structurally Tomatidine resembles cyclopamine (Cat. No. 1578-5), but does not inhibit the Hedgehog (Hh) signaling pathway. May be used as a negative control for cyclopamine (Cat. No. 1578-5).

REFERENCE: Rominger, C.M., *et al.* (2009). *J. Pharmacol. Exp. Ther.* **329**, 995-1005.

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

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

RELATED PRODUCTS

- Cyclopamine (Cat. No. 1578-5)
- GANT58 (Cat. No. 1812-5, 25)
- GANT61 (Cat. No. 1892-5)
- GDC-0449 (Cat. No. 1890-5, 25)
- Hh Signaling Pathway Antagonist (Cat. No. 1659-1)
- JK-184 (Cat. No. 1726-1)
- Purmorphamine (Cat. No. 1672-5)