

(Rac)-5-Hydroxymethyl Tolterodine hydrochloride Biochemical

(Rac)-5-Hydroxymethyl Tolterodine hydrochloride

CATALOG #
AAA228478

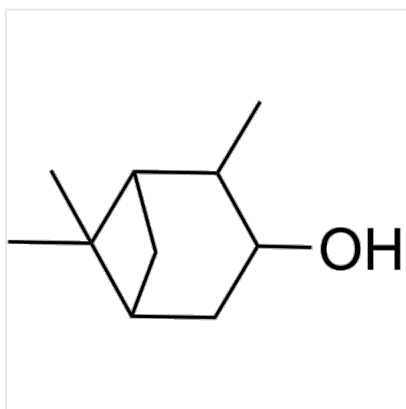
PRODUCT SYNONYMS

(Rac)-5-Hydroxymethyl Tolterodine hydrochloride; (Rac)-5-Hydroxymethyl Tolterodine hydrochloride biochemical

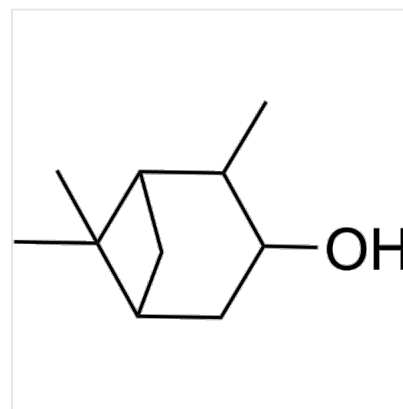
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	250214-40-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	(Rac)-5-Hydroxymethyl Tolterodine (5-HMT; 0.88 umol/kg; i.v.) hydrochloride treatment shows the binding activity of (Rac)-5-Hydroxymethyl Tolterodine hydrochloride to muscarinic receptors is significantly observed in all tissues, except cerebral cortex, with a longer duration in bladder[3].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
2,6,6-Trimethylbicyclo[3.1.1]heptan-3-ol, CAS 473-61-0



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2,6,6-Trimethylbicyclo[3.1.1]heptan-3-ol, CAS 473-61-0

ADDITIONAL INFORMATION

Related Product Information for (Rac)-5-Hydroxymethyl Tolterodine hydrochloride biochemical	(Rac)-5-Hydroxymethyl Tolterodine ((Rac)-Desfesoterodine) hydrochloride, an active metabolite of Tolterodine, is a mAChR antagonist (K _i values of 2.3 nM, 2 nM, 2.5 nM, 2.8 nM, and 2.9 nM for M1, M2, M3, M4, and M5 receptors, respectively). (Rac)-5-Hydroxymethyl Tolterodine hydrochloride can be used for overactive bladder research.
References	1. Zhang C, et al. Chemical variations of the essential oils in flower heads of Chrysanthemum indicum L. from China. Chem Biodivers. 2010;7(12):2951-2962.

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.