

AP 14145 hydrochloride Biochemical | AP14145 biochemical

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CATALOG #
AAA227345

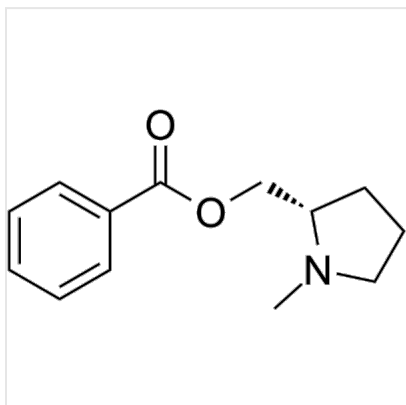
PRODUCT SYNONYMS

AP 14145 hydrochloride; AP14145 biochemical

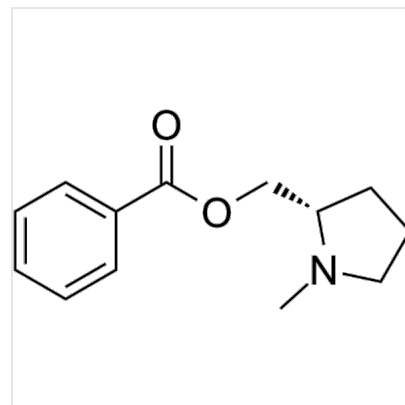
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
S)-UFR2709, CAS 1431628-22-6



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ADDITIONAL INFORMATION

Related Product Information for AP14145 biochemical	KCa2 (small conductance Ca ²⁺ -activated potassium) channel negative allosteric modulator (IC ₅₀ = 1.1 uM). Increases the EC ₅₀ of Ca ²⁺ on KCa2.3 channels by ~3-fold. Prolongs atrial effective refractory period (AERP) in rats. Reduces atrial fibrillation (AF) duration and prolongs atrial refractoriness without affecting ventricular refractory period in an animal AF model.
References	1. Gabriel Quiroz, et al. UFR2709, a Nicotinic Acetylcholine Receptor Antagonist, Decreases Ethanol Intake in Alcohol-Preferring Rats. <i>Front Pharmacol.</i> 2019 Dec 3;10:1429. 2. Franco Viscarra, et al. Nicotinic Antagonist UFR2709 Inhibits Nicotine Reward and Decreases Anxiety in Zebrafish. <i>Molecules.</i> 2020 Jun 30;25(13):2998.

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.