Certificate of Analysis

Dorzolamide (hydrochloride)

Cat. No.: HY-B0109A CAS No.: 130693-82-2 Batch No.: 14418

Chemical Name: 4H-Thieno[2,3-b]thiopyran-2-sulfonamide, 4-(ethylamino)-5,6-dihydro-6-methyl-, 7,7-dioxide, h

ydrochloride (1:1), (4S,6S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{17}CIN_2O_4S_3$

Molecular Weight: 360.90

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

HCI

ANALYTICAL DATA

White to off-white (Solid) Appearance: LCMS: Consistent with structure

Purity (LCMS): 99.92%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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