Certificate of Analysis

Polythiazide

Cat. No.: HY-16403 CAS No.: 346-18-9 Batch No.: 368174

Chemical Name: 2H-1,2,4-Benzothiadiazine-7-sulfonamide, 6-chloro-3,4-dihydro-2-methyl-3-[[(2,2,2-trifluoroeth

yl)thio]methyl]-, 1,1-dioxide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{13}CIF_3N_3O_4S_3$

Molecular Weight: 439.88

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹ H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 98.22%

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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