

Certificate of Analysis

5-HT1A modulator 1

Cat. No.: HY-100290
CAS No.: 142477-34-7
Batch No.: 121618

Chemical Name: 2(3H)-Benzothiazolone, 6-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-3-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{25}N_3O_2S$ Molecular Weight: 383.51

Storage: Powder -20°C 3 years

4°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

Purity (HPLC): 97.12%

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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