

Screening Libraries

Proteins



Certificate of Analysis

Clamikalant (sodium)

Cat. No.: HY-15208 261717-22-0 CAS No .: Batch No.: 253586

Chemical Name: Benzamide, 5-chloro-2-methoxy-N-[2-[4-methoxy-3-[[[(methylamino)thioxomethyl]amino]sulfo

nyl]phenyl]ethyl]-, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{19}\mathsf{H}_{21}\mathsf{ClN}_3\mathsf{NaO}_5\mathsf{S}_2$

Molecular Weight: 493.96

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:

ANALYTICAL DATA

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

Purity (HPLC): 98.80%

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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