

Screening Libraries

Proteins

Certificate of Analysis

Flomoxef (sodium)

Cat. No.: HY-B0706A 92823-03-5 CAS No .: Batch No.: 150392

Chemical Name: 5-Oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(difluoromethyl)thio]acetyl]amino]-3-

[[[1-(2-hydroxyethyl)-1H-tetrazol-5-yl]thio]methyl]-7-methoxy-8-oxo-, sodium salt (1:1), (6R,7R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{15}\mathsf{H}_{17}\mathsf{F}_2\mathsf{N}_6\mathsf{NaO}_7\mathsf{S}_2$

Molecular Weight: 518.45

-20°C, sealed storage, away from moisture and light Storage:

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

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.33%

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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