

Screening Libraries

Proteins

Inhibitors

Certificate of Analysis

WST-8

Cat. No.: HY-D0831 CAS No .: 193149-74-5 Batch No.: 157467

Chemical Name: 2H-Tetrazolium, 5-(2,4-disulfophenyl)-3-(2-methoxy-4-nitrophenyl)-2-(4-nitrophenyl)-, inner salt

, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{20}\mathsf{H}_{13}\mathsf{N}_{6}\mathsf{NaO}_{11}\mathsf{S}_{2}$

Molecular Weight: 600.47

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

* In solvent: -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture and light)

Chemical Structure:

ANALYTICAL DATA

White to yellow (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 99.67%

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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