

Proteins

Screening Libraries

Certificate of Analysis

Chlorophenol red-\(\beta\)-D-galactopyranoside

Cat. No.: HY-D1224 CAS No.: 99792-79-7 Batch No.: 265554

Chemical Name: $\beta\text{-D-Galactopyranoside}, 2\text{-chloro-4-} [3\text{-}(3\text{-chloro-4-hydroxyphenyl}) - 1, 1\text{-dioxido-3H-2}, 1\text{-benzoxat}]$

hiol-3-yl]phenyl

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{22}Cl_2O_{10}S$

Molecular Weight: 585.41

-20°C, protect from light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Brown to reddish brown (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure

Consistent with structure MS:

Purity (HPLC): 98.58%

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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