Product Data Sheet

Molecular Formula: C₁₆H₉Na₃O₁₁S₃

Molecular Weight: 542.4

Target: Fluorescent Dye

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

ONa

BIOLOGICAL ACTIVITY

Description

Pyranine (hydrate) (HPTS (hydrate); Solvent Green 7 (hydrate)) is a multifunctional dye. Dyes are important tools in biological experiments. They can help researchers observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology and monitor microorganisms. Their applications range from basic scientific research to clinical A wide range of diagnostics. Dyes are also widely used in traditional fields such as textile dyeing, as well as in emerging fields such as functional textile processing, food pigments and dye-sensitized solar cells.

CUSTOMER VALIDATION

• SSRN. 2024 Mar 5.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Sultana M, et al. A review on experimental chemically modified activated carbon to enhance dye and heavy metals adsorption[J]. Cleaner engineering and technology, 2022, 6: 100382.

Caution: Product has not been fully validated for medical applications. For research use only.

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