Product datasheet

Indigo carmine, pH indicator and tissue stain ab146352

Overview

Product name: Indigo carmine, pH indicator and tissue stain

Description: pH indicator and tissue stain.

Biological description: pH indicator (blue at pH 11.4 and yellow at 13.0). Tissue stain. Also a tool for the determination of hypochlorite.

Absorption: $\lambda_{\text{max}}$ 608 nm

CAS Number: 860-22-0

Chemical structure:

![Chemical structure](image)

Properties

Chemical name: 2-(1,3-Dihydro-3-oxo-5-sulfo-2H-indol-2-ylidene)-2,3-dihydro-3-oxo-1H-indole-5-sulfonic acid disodium salt

Molecular weight: 466.40

Molecular formula: $C_{16}H_{8}N_{2}Na_{2}O_{8}S_{2}$

Storage instructions: Store at Room Temperature. The product can be stored for up to 12 months.

Solubility overview: Soluble in water to 10 mM

Handling: Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

Source: Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"
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