

Cresyl violet *CAS 41830-80-2*

Catalog number: 90 Unit size: 100 mg

Product Details

Storage Conditions Freeze (<-15 °C), Minimize light exposure

Expiration Date 24 months upon receiving

Chemical Properties

Appearance Dark purple solid

Molecular Weight 361.74

Soluble In DMSO

Chemical Structure

$$\begin{array}{c|c} H_2 N & & & N H_2^{+} \\ & O & & O \\ & & O \\ & & O \end{array}$$

Spectral Properties

Excitation Wavelength 598 nm

Emission Wavelength 621 nm

Applications

It is used for staining Nissl substances in nerve cells and for bulk staining of nerve tissue. It is also used for preparing Magic Red-based protease substrates that have red fluorescence upon enzyme hydrolysis.