

Solvent black 5

Cat. No.:	HY-W250148
CAS No.:	11099-03-9
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Solvent black 5

BIOLOGICAL ACTIVITY

Description	Solvent black 5 (Spirit nigrosine) is a synthetic dye belonging to the family of azo dyes. Also known as oil black or naphthol black, it is dark blue-black and has excellent solubility in organic solvents. Solvent black 5 is commonly used as a colorant in various industrial applications such as printing inks, coatings and plastics. It can also be used as an indicator dye to detect the presence of metals in solution. Furthermore, due to its high absorption and emission properties in the near-infrared region, it has been used in scientific research as a fluorescent biomarker for tissues and cells. However, Solvent black 5 has been reported to have potentially toxic effects on human health and the environment and its use is therefore regulated in some countries.
In Vitro	Solvent black 5 is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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