

DAB accessory reagent

DAB

CATALOG #
AAA210704

PRODUCT SYNONYMS

DAB; 3, 3' Diaminobenzidine Tetrahydrochloride; DAB accessory reagent

PRODUCT SPECIFICATIONS

Purity/Purification	>98%
Formula	C ₁₂ H ₁₈ Cl ₄ N ₄
SMILES	NC1=CC=C(C2=CC=C(N)C(N)=C2)C=C1N.[H]Cl.[H]Cl.[H]Cl.[H]Cl
CAS Number	7411-49-6
Preparation and Storage	Store lyophilized at -20°C, keep desiccated. In lyophilized form, the chemical is stable

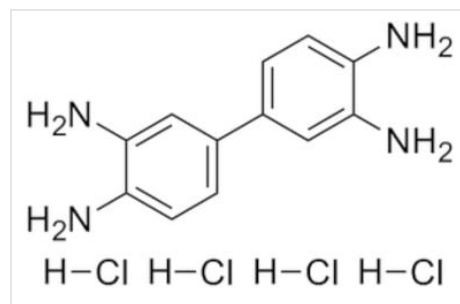
IMAGES

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
0.1 mM	27.77 mL	138.85 mL	277.69 mL
0.5 mM	5.55 mL	27.77 mL	55.54 mL
1 mM	2.78 mL	13.88 mL	27.77 mL
5 mM	0.56 mL	2.78 mL	5.55 mL

*The above data is based on the product molecular weight 360.11. Batch specific molecular weights may vary from batch to batch due to solvent of hydration, which will affect the solvent volumes required to prepare stock solutions.

Application Data

Preparing Stock Solutions



Chemical Structure

DAB (3,3' Diaminobenzidine Tetrahydrochloride) is an organic compound that is both chemically and thermodynamically stable; DAB has been used in immunohistochemical staining of nucleic acids and proteins.

NCBI AND UNIPROT INFORMATION

Molecular Weight	360.11
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/accessory-reagent/dab/210704>