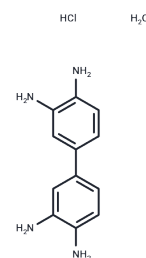


DAB tetrahydrochloride hydrate

Chemical Properties

CAS No. : 868272-85-9
 Formula: C₁₂H₂₂Cl₄N₄O
 Molecular Weight: 380.14
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	DAB (tetrahydrochloride hydrate) is commonly utilized as a chromogenic substrate in immunohistochemistry and enzyme histochemistry to reveal specific antigens or enzymes. Upon oxidation by hydrogen peroxide, DAB (tetrahydrochloride hydrate) forms a brown precipitate at the location of the antigen or enzyme, facilitating microscopic detection and observation. Additionally, DAB (tetrahydrochloride hydrate) holds potential applications in various research fields, such as the development of biosensors and the study of cellular oxidative stress.
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6306 mL	13.153 mL	26.3061 mL
5 mM	0.5261 mL	2.6306 mL	5.2612 mL
10 mM	0.2631 mL	1.3153 mL	2.6306 mL
50 mM	0.0526 mL	0.2631 mL	0.5261 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481